

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012924\
 Data File : VW033902.D
 Acq On : 29 Jan 2024 15:18
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 30 03:44:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 30 03:43:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	105142	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	93732	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	47456	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	35631	4.376	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.532	69	33385	4.681	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.059	65	16917	4.308	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	3.812	46	64329	47.038	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.080%
24) Chloroform-d	4.246	84	70472	4.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	4.944	65	31695	4.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	4.956	84	132786	4.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	5.985	67	37225	4.735	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.239	98	120224	4.652	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	7.554	79	13159	4.433	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.027	63	48259	45.544	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.080%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	22613	4.745	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	40351	4.675	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	55218	5.731	ug/L	99
3) Chloromethane	1.214	50	54268	5.163	ug/L	99
5) Vinyl chloride	1.285	62	54241	5.401	ug/L	99
6) Bromomethane	1.487	94	25580	4.837	ug/L	95
8) Chloroethane	1.551	64	35041	5.114	ug/L	98
9) Trichlorofluoromethane	1.715	101	80627	5.571	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	41874	5.535	ug/L	99
12) 1,1-Dichloroethene	2.069	96	39305	5.351	ug/L	96
13) Acetone	2.153	43	46915	45.218	ug/L #	32
14) Carbon disulfide	2.240	76	130336	5.484	ug/L	99
15) Methyl Acetate	2.387	43	11767	4.792	ug/L	97
16) Methylene chloride	2.445	84	38576	5.474	ug/L	94
17) Methyl tert-butyl Ether	2.703	73	80630	5.343	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	39871	5.329	ug/L	96
19) 1,1-Dichloroethane	3.111	63	75305	5.478	ug/L	98
21) 2-Butanone	3.899	43	64769	47.240	ug/L #	59
22) cis-1,2-Dichloroethene	3.815	96	42355	4.990	ug/L	97
23) Bromochloromethane	4.143	128	16130	5.466	ug/L	96
25) Chloroform	4.275	83	74485	5.360	ug/L	97

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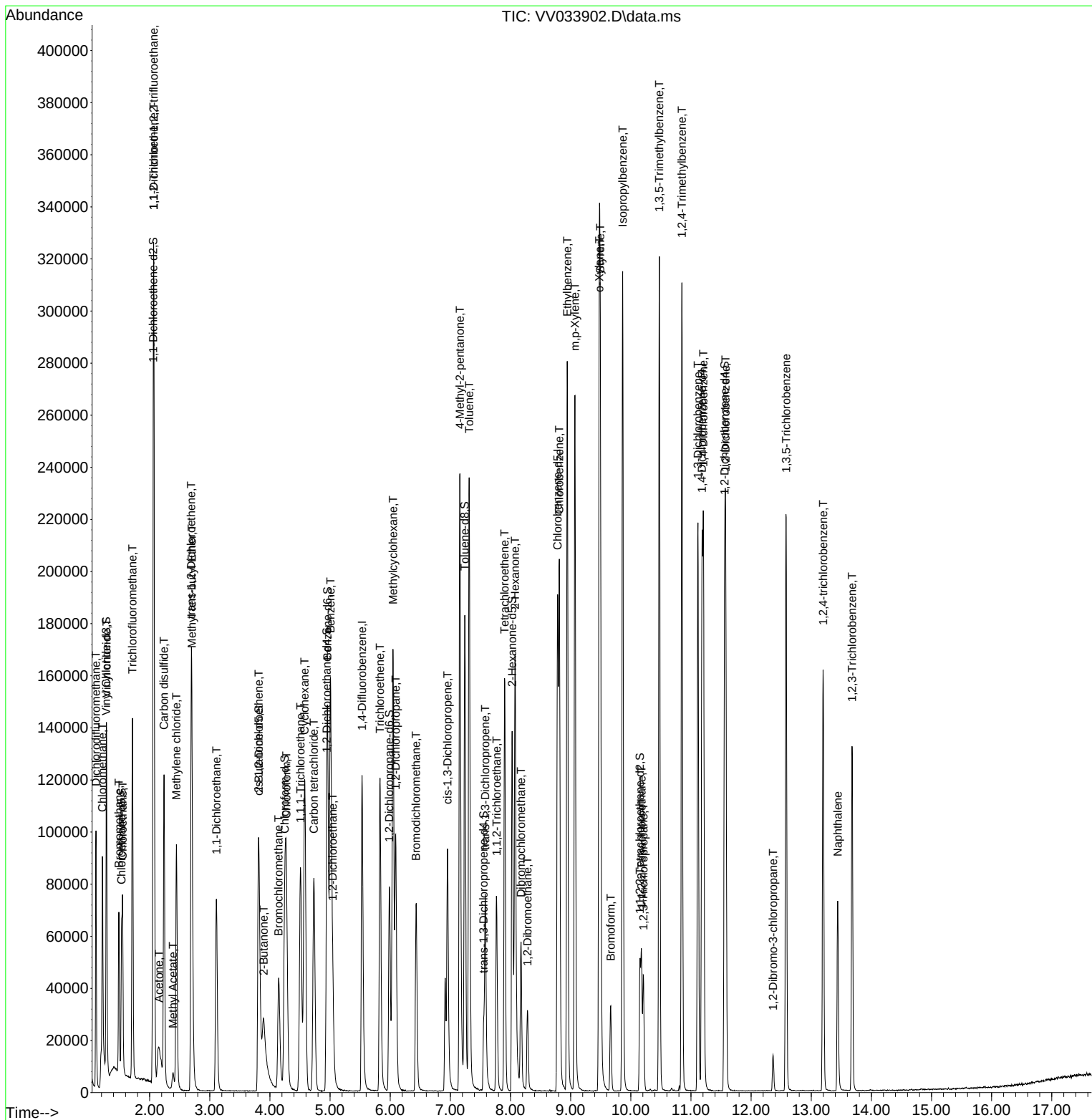
Instrument :
 MSVOA_V
 ClientSampleId :

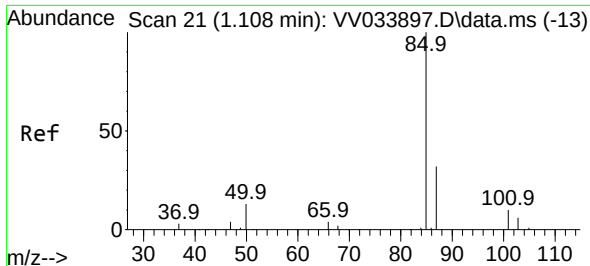
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	42289	5.315	ug/L	100
29) 1,1,1-Trichloroethane	4.510	97	71520	5.683	ug/L	99
30) Cyclohexane	4.577	56	68861	5.627	ug/L	99
31) Carbon tetrachloride	4.731	117	61747	5.608	ug/L	97
33) Benzene	5.008	78	158693	5.645	ug/L	100
34) Trichloroethene	5.831	95	42160	5.182	ug/L	97
35) Methylcyclohexane	6.046	83	71556	5.603	ug/L	99
37) 1,2-Dichloropropane	6.091	63	38688	5.681	ug/L	99
38) Bromodichloromethane	6.429	83	50357	5.633	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	56881	5.489	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	171314	52.534	ug/L	100
42) Toluene	7.313	91	167773	5.584	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	44453	5.587	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	22546	5.362	ug/L	95
47) Tetrachloroethene	7.902	164	34485	5.216	ug/L	94
48) 2-Hexanone	8.075	43	117208	50.990	ug/L	97
49) Dibromochloromethane	8.175	129	27908	5.585	ug/L	100
50) 1,2-Dibromoethane	8.281	107	21094	5.589	ug/L #	99
51) Chlorobenzene	8.812	112	105672	5.562	ug/L	99
52) Ethylbenzene	8.943	91	193316	5.589	ug/L	99
53) m,p-Xylene	9.072	106	72769	5.568	ug/L	99
54) o-Xylene	9.477	106	70381	5.585	ug/L	100
55) Styrene	9.493	104	113875	5.643	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	23525	5.301	ug/L	97
59) Bromoform	9.667	173	15110	5.780	ug/L	96
60) Isopropylbenzene	9.866	105	194174	5.530	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	17241	5.285	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	164115	5.528	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	163239	5.659	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	84059	5.490	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	82564	5.446	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	72359	5.503	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.365	75	4058	5.935	ug/L	86
69) 1,3,5-Trichlorobenzene	12.583	180	64923	5.479	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	47619	5.148	ug/L	99
71) Naphthalene	13.442	128	59404	4.901	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	38310	5.169	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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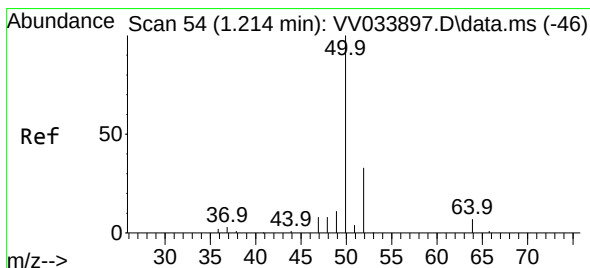
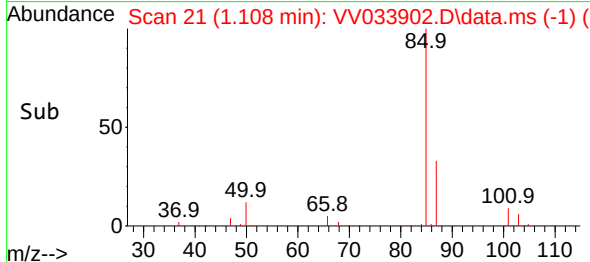
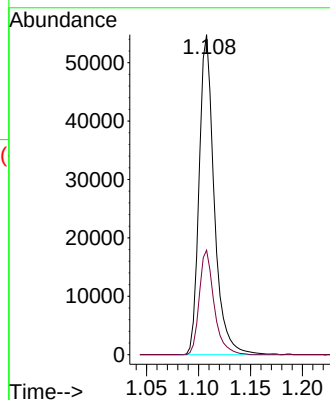
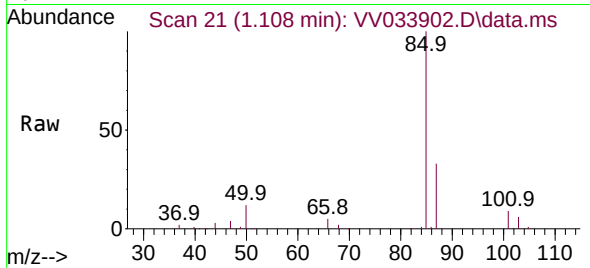




#2
 Dichlorodifluoromethane
 Concen: 5.731 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV033902.D
 Acq: 29 Jan 2024 15:18

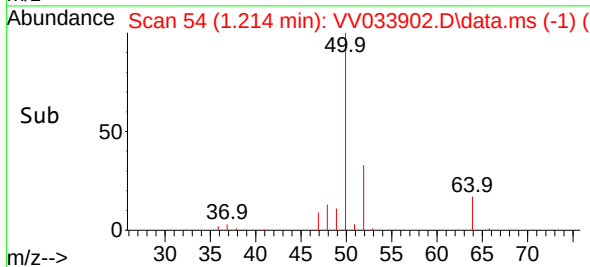
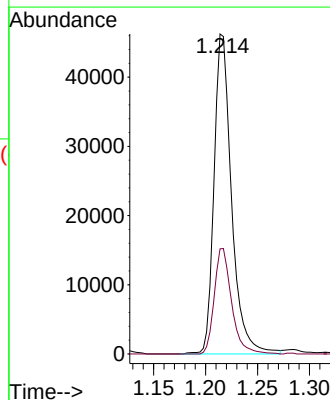
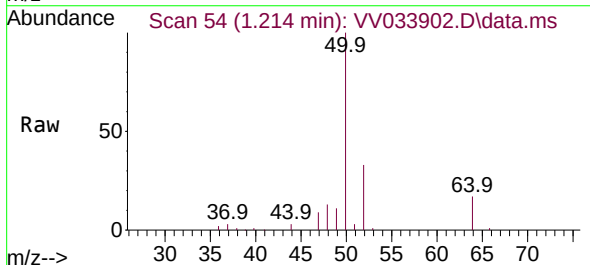
Instrument :
 MSVOA_V
 ClientSampleId :

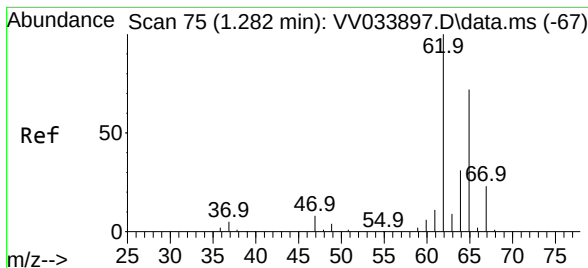
Tgt Ion: 85 Resp: 55218
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.2 39.4



#3
 Chloromethane
 Concen: 5.163 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV033902.D
 Acq: 29 Jan 2024 15:18

Tgt Ion: 50 Resp: 54268
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.4 43.4





#5

Vinyl chloride

Concen: 5.401 ug/L

RT: 1.285 min Scan# 75

Delta R.T. 0.003 min

Lab File: VV033902.D

Acq: 29 Jan 2024 15:18

Instrument :

MSVOA_V

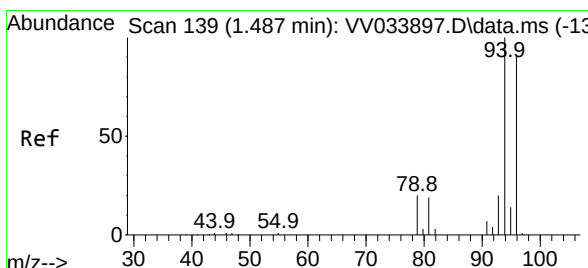
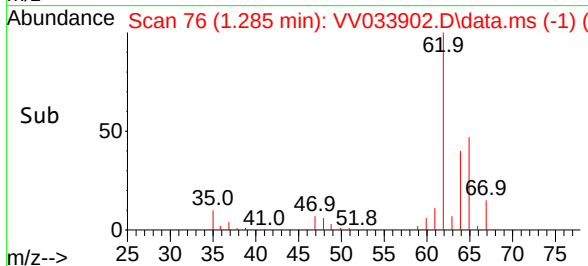
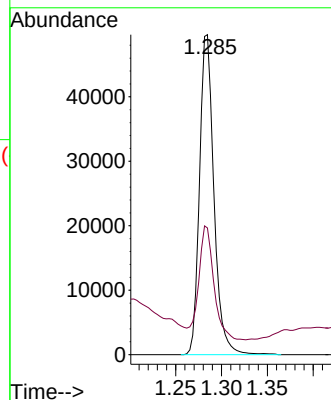
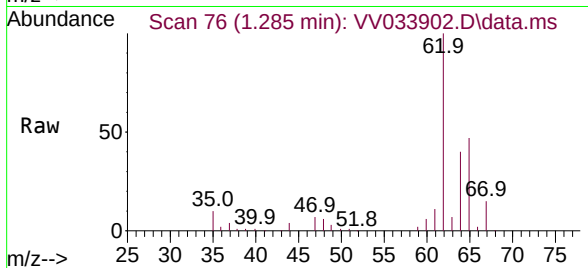
ClientSampleId :

Tgt Ion: 62 Resp: 54241

Ion Ratio Lower Upper

62 100

64 39.6 27.2 50.4



#6

Bromomethane

Concen: 4.837 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.000 min

Lab File: VV033902.D

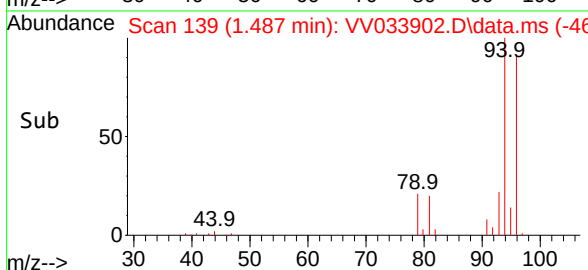
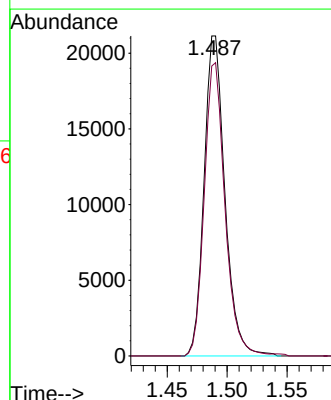
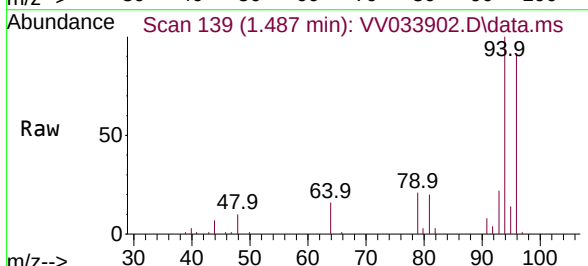
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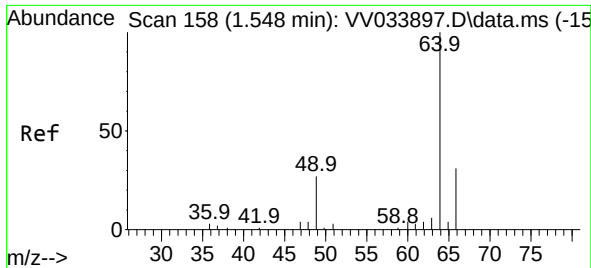
Tgt Ion: 94 Resp: 25580

Ion Ratio Lower Upper

94 100

96 90.6 66.6 123.8





#8

Chloroethane

Concen: 5.114 ug/L

RT: 1.551 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV033902.D

Acq: 29 Jan 2024 15:18

Instrument :

MSVOA_V

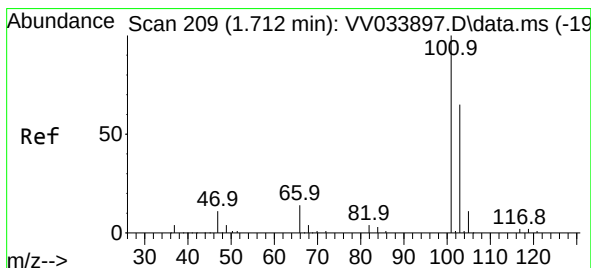
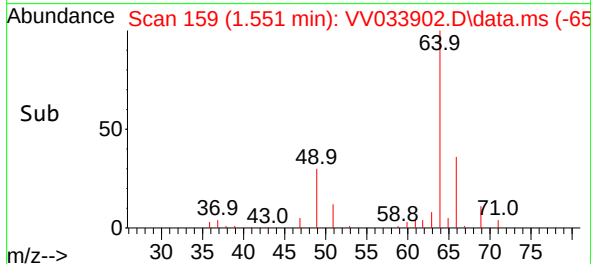
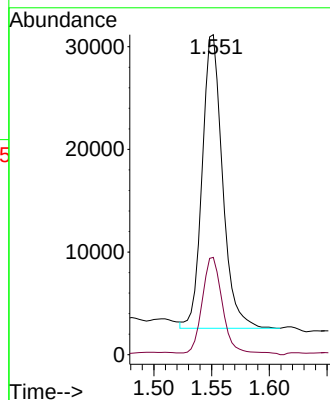
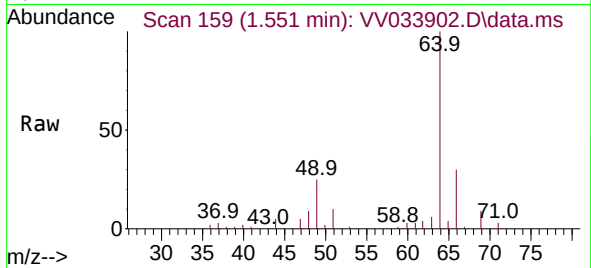
ClientSampleId :

Tgt Ion: 64 Resp: 35041

Ion Ratio Lower Upper

64 100

66 30.4 22.0 41.0



#9

Trichlorofluoromethane

Concen: 5.571 ug/L

RT: 1.715 min Scan# 210

Delta R.T. 0.003 min

Lab File: VV033902.D

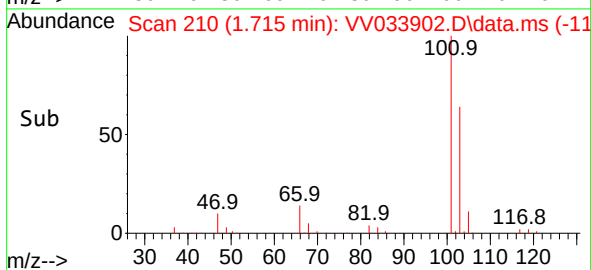
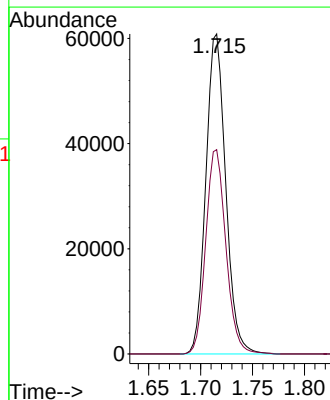
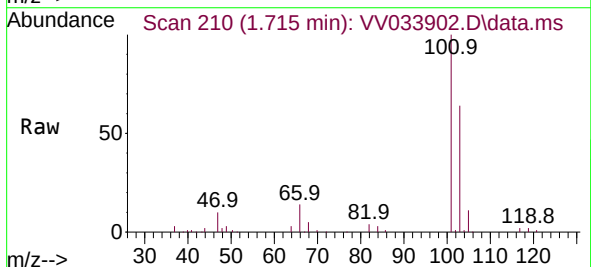
Acq: 29 Jan 2024 15:18

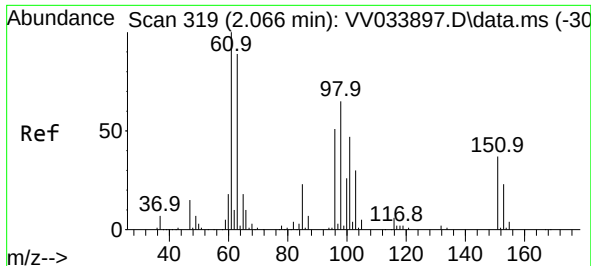
Tgt Ion:101 Resp: 80627

Ion Ratio Lower Upper

101 100

103 64.9 51.0 76.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.535 ug/L

RT: 2.069 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV033902.D

Acq: 29 Jan 2024 15:18

Instrument :

MSVOA_V

ClientSampleId :

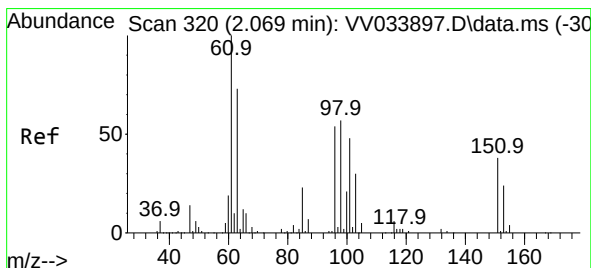
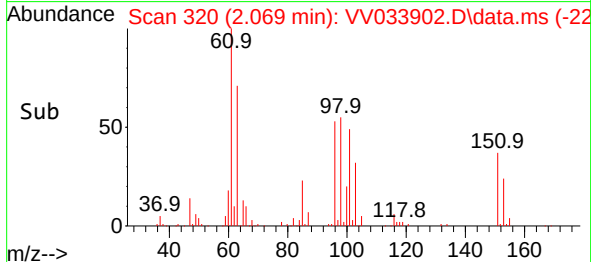
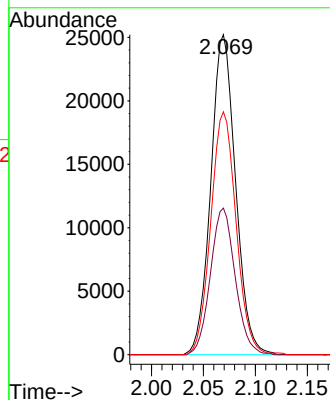
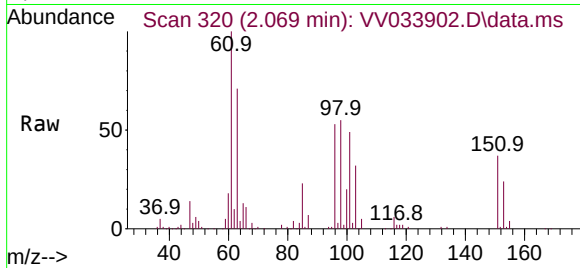
Tgt Ion:101 Resp: 41874

Ion Ratio Lower Upper

101 100

85 45.7 37.1 55.7

151 77.3 61.7 92.5



#12

1,1-Dichloroethene

Concen: 5.351 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV033902.D

Acq: 29 Jan 2024 15:18

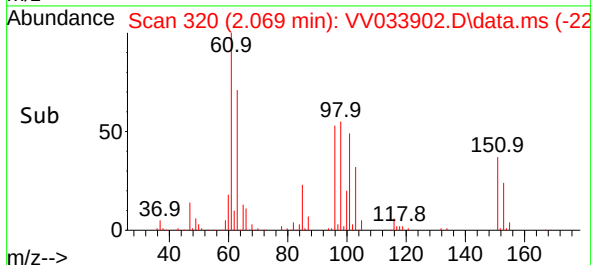
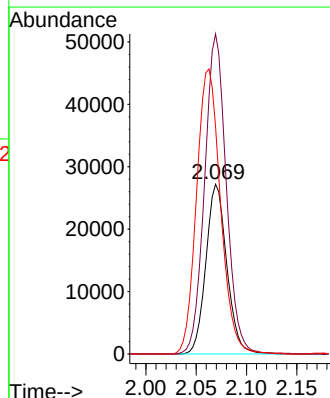
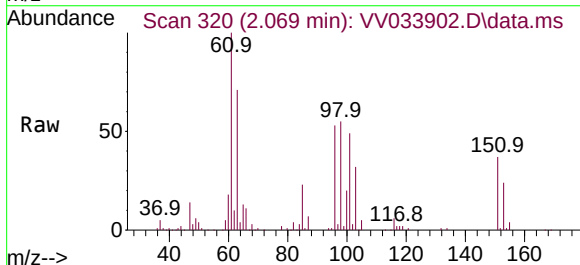
Tgt Ion: 96 Resp: 39305

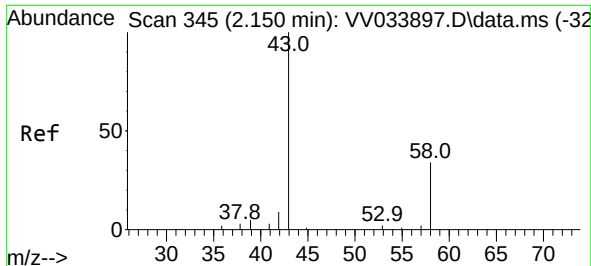
Ion Ratio Lower Upper

96 100

61 188.5 128.8 239.2

63 134.0 97.9 181.9





#13

Acetone

Concen: 45.218 ug/L

RT: 2.153 min Scan# 345

Delta R.T. 0.003 min

Lab File: VV033902.D

Acq: 29 Jan 2024 15:18

Instrument :

MSVOA_V

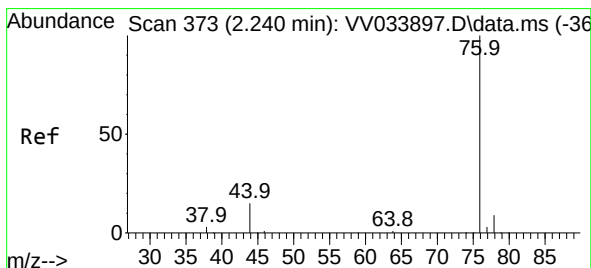
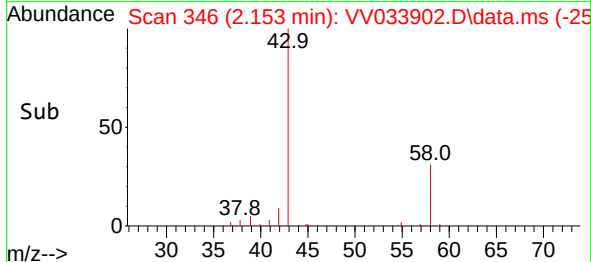
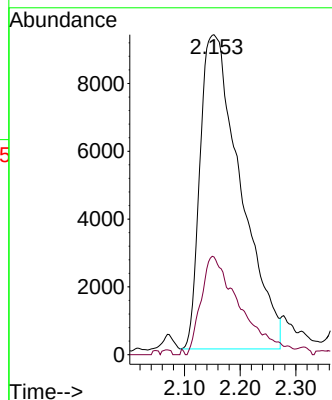
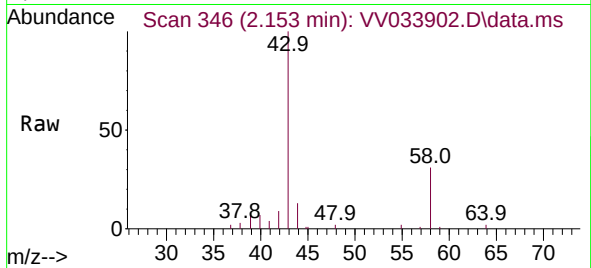
ClientSampleId :

Tgt Ion: 43 Resp: 46915

Ion Ratio Lower Upper

43 100

58 30.3 0.0 13.8#



#14

Carbon disulfide

Concen: 5.484 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV033902.D

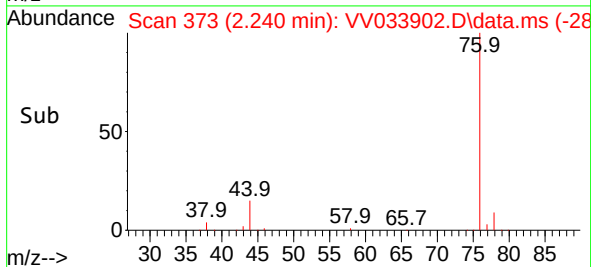
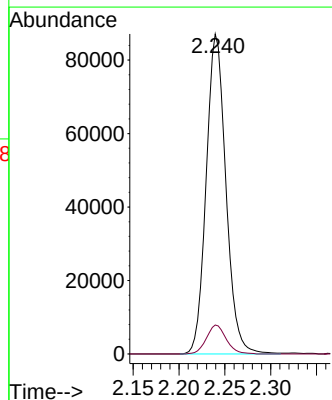
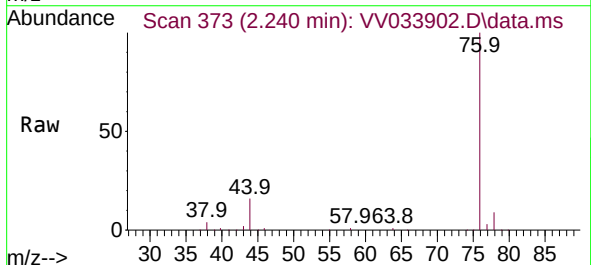
Acq: 29 Jan 2024 15:18

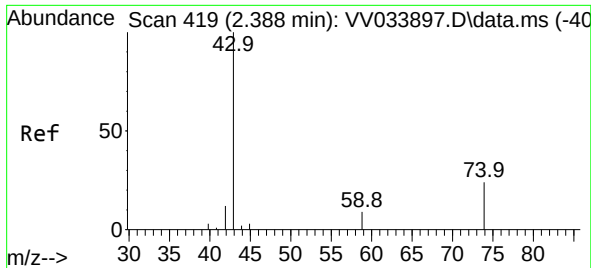
Tgt Ion: 76 Resp: 130336

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

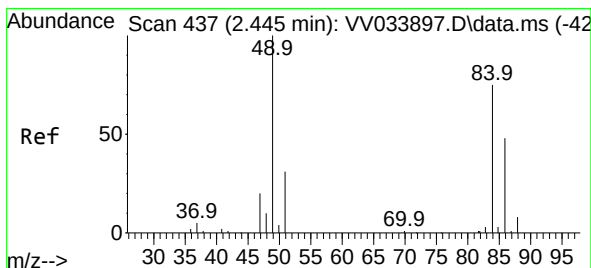
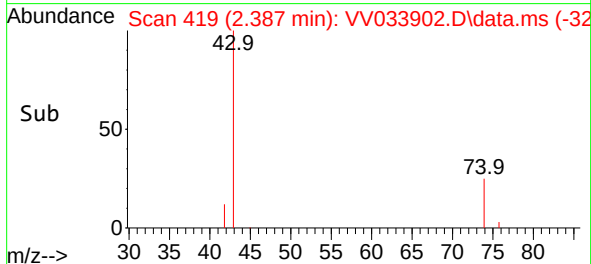
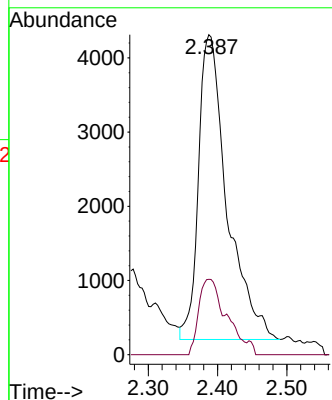
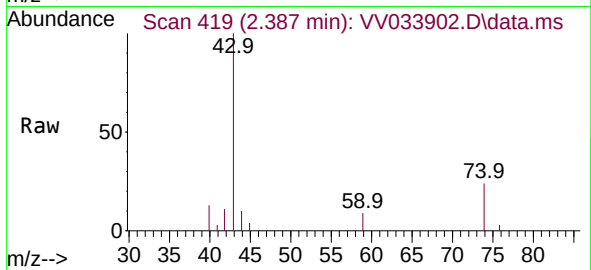




#15
Methyl Acetate
Concen: 4.792 ug/L
RT: 2.387 min Scan# 419
Delta R.T. -0.000 min
Lab File: VV033902.D
Acq: 29 Jan 2024 15:18

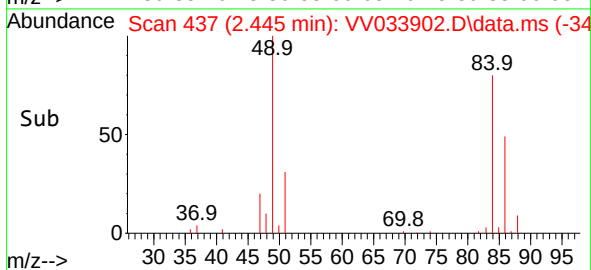
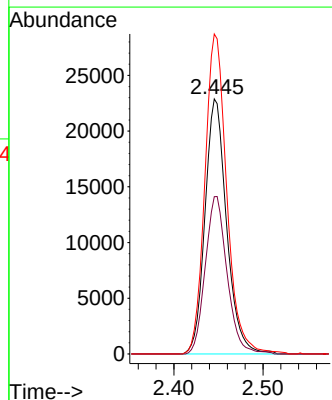
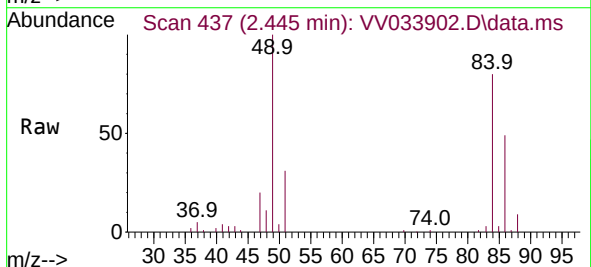
Instrument :
MSVOA_V
ClientSampleId :

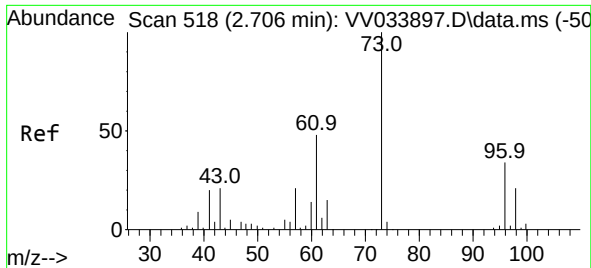
Tgt Ion: 43 Resp: 11767
Ion Ratio Lower Upper
43 100
74 24.4 18.2 27.4



#16
Methylene chloride
Concen: 5.474 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV033902.D
Acq: 29 Jan 2024 15:18

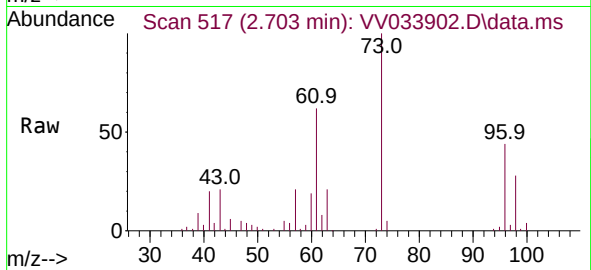
Tgt Ion: 84 Resp: 38576
Ion Ratio Lower Upper
84 100
86 61.7 44.7 83.1
49 125.4 93.7 173.9



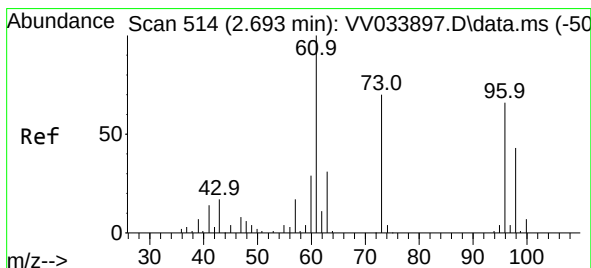
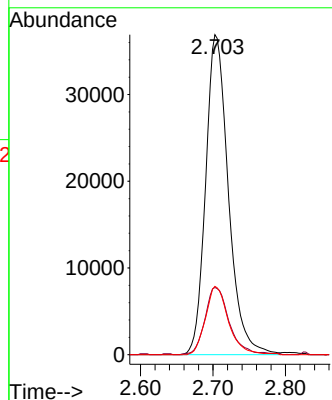
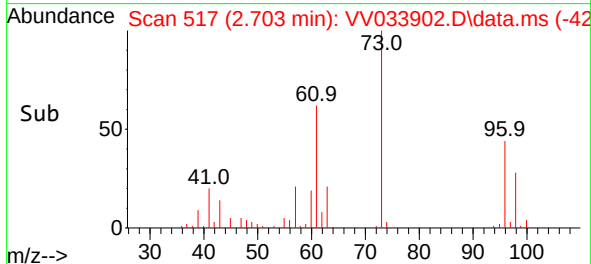


#17
Methyl tert-butyl Ether
Concen: 5.343 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV033902.D
Acq: 29 Jan 2024 15:18

Instrument :
MSVOA_V
ClientSampleId :

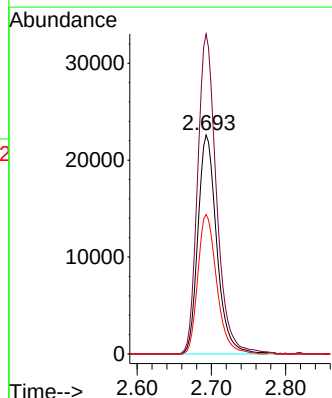
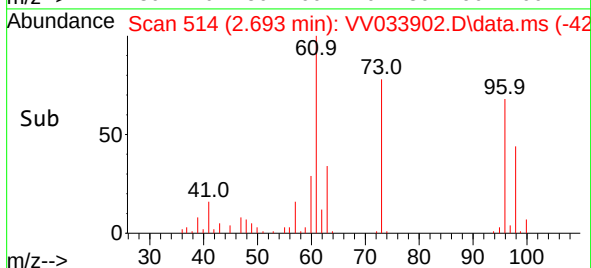
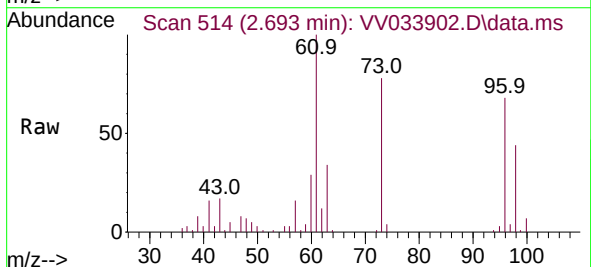


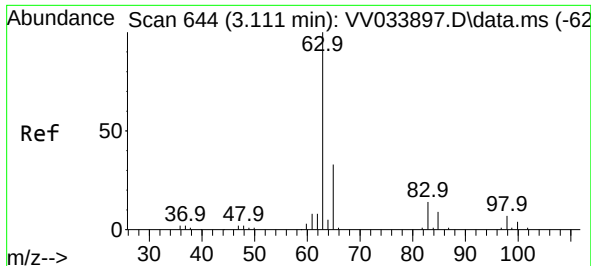
Tgt Ion: 73 Resp: 80630
Ion Ratio Lower Upper
73 100
43 22.1 17.7 26.5
57 21.5 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 5.329 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV033902.D
Acq: 29 Jan 2024 15:18

Tgt Ion: 96 Resp: 39871
Ion Ratio Lower Upper
96 100
61 146.2 97.6 181.4
98 63.8 44.4 82.5





#19

1,1-Dichloroethane

Concen: 5.478 ug/L

RT: 3.111 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV033902.D

Acq: 29 Jan 2024 15:18

Instrument :

MSVOA_V

ClientSampleId :

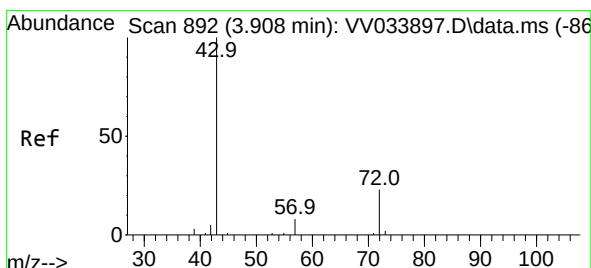
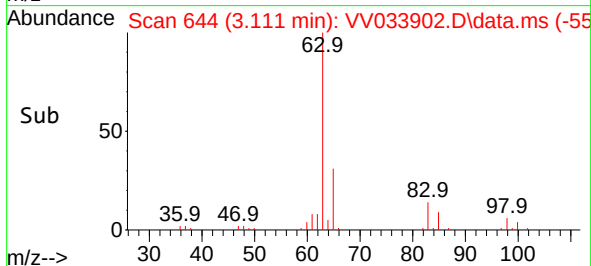
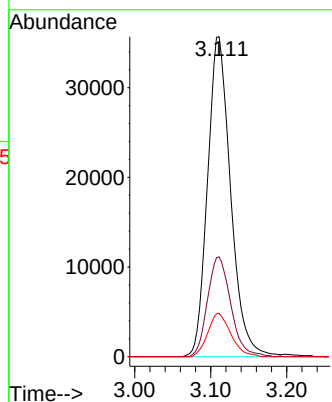
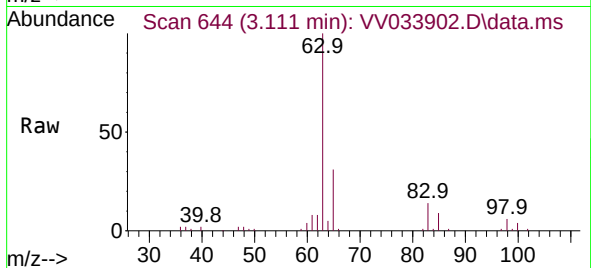
Tgt Ion: 63 Resp: 75305

Ion Ratio Lower Upper

63 100

65 31.2 20.8 38.6

83 13.5 9.4 17.4



#21

2-Butanone

Concen: 47.240 ug/L

RT: 3.899 min Scan# 889

Delta R.T. -0.010 min

Lab File: VV033902.D

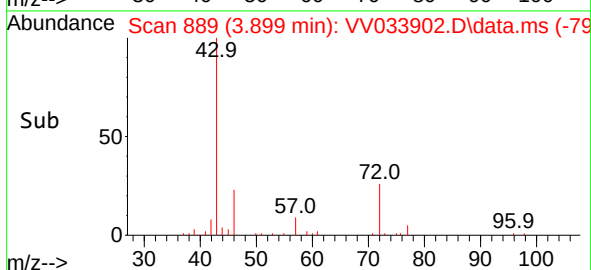
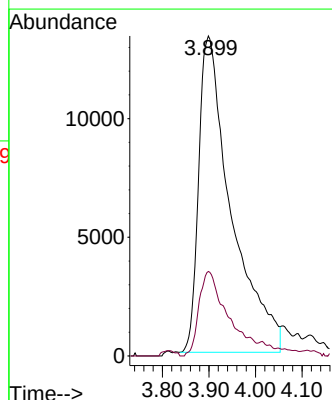
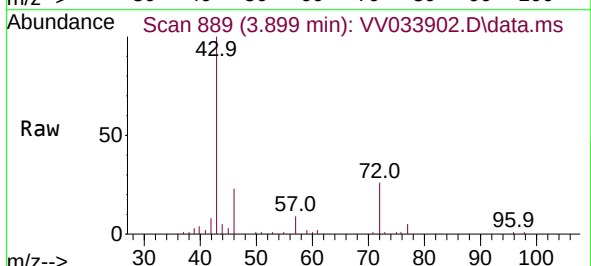
Acq: 29 Jan 2024 15:18

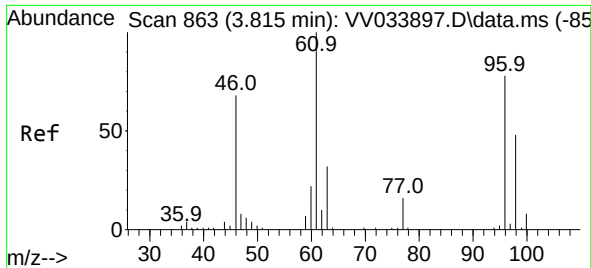
Tgt Ion: 43 Resp: 64769

Ion Ratio Lower Upper

43 100

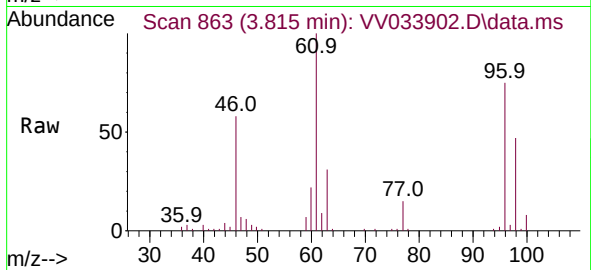
72 22.3 4.0 11.9#





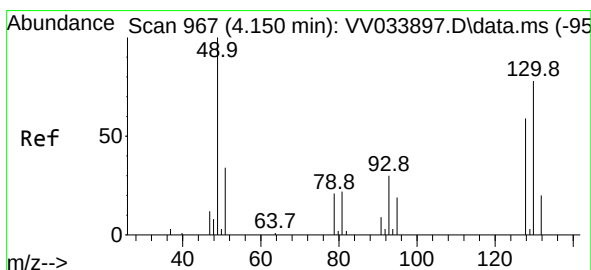
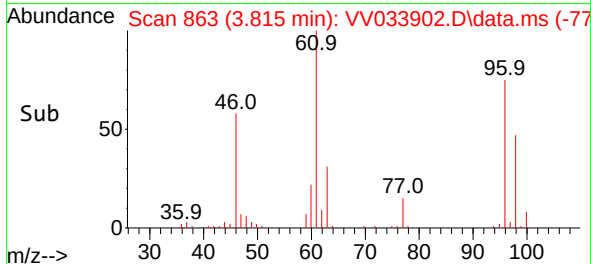
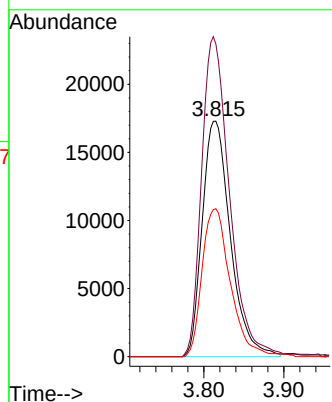
#22
 cis-1,2-Dichloroethene
 Concen: 4.990 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. -0.000 min
 Lab File: VV033902.D
 Acq: 29 Jan 2024 15:18

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 42355

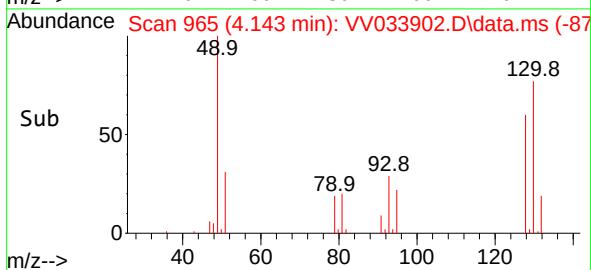
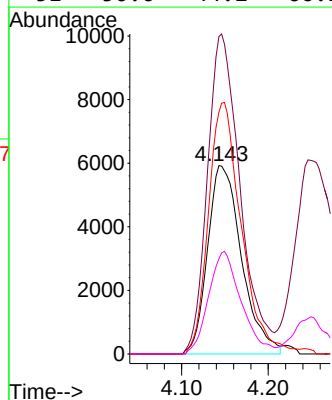
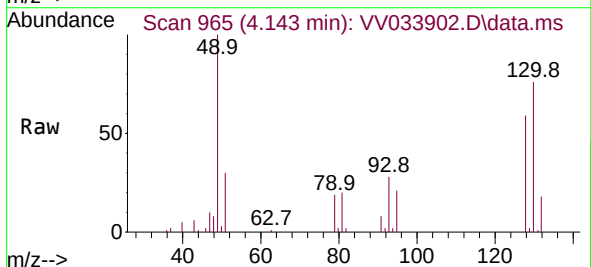
Ion	Ratio	Lower	Upper
96	100		
61	132.8	90.3	167.7
98	62.8	43.2	80.2

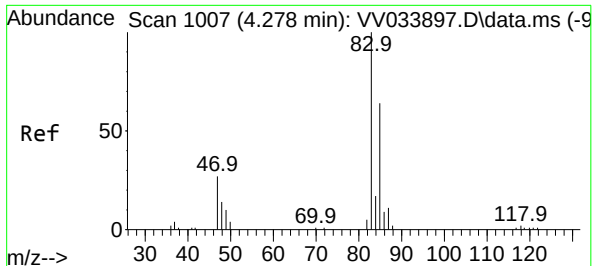


#23
 Bromochloromethane
 Concen: 5.466 ug/L
 RT: 4.143 min Scan# 965
 Delta R.T. -0.007 min
 Lab File: VV033902.D
 Acq: 29 Jan 2024 15:18

Tgt Ion: 128 Resp: 16130

Ion	Ratio	Lower	Upper
128	100		
49	168.6	120.5	223.7
130	128.4	93.4	173.4
51	50.6	44.2	66.2





#25

Chloroform

Concen: 5.360 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. -0.003 min

Lab File: VV033902.D

Acq: 29 Jan 2024 15:18

Instrument :

MSVOA_V

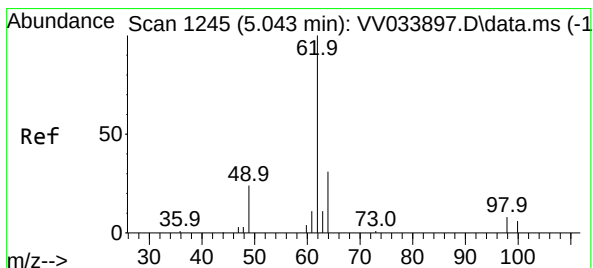
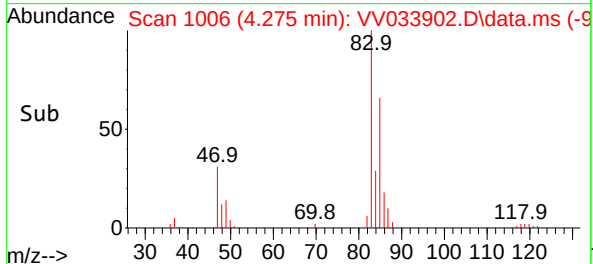
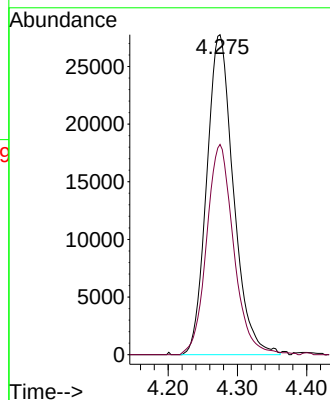
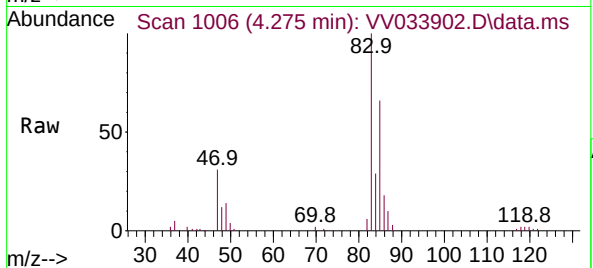
ClientSampleId :

Tgt Ion: 83 Resp: 74485

Ion Ratio Lower Upper

83 100

85 65.7 47.5 88.1



#27

1,2-Dichloroethane

Concen: 5.315 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.000 min

Lab File: VV033902.D

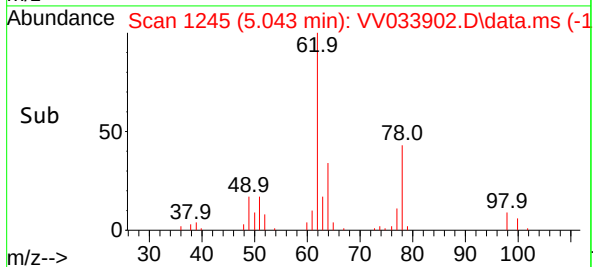
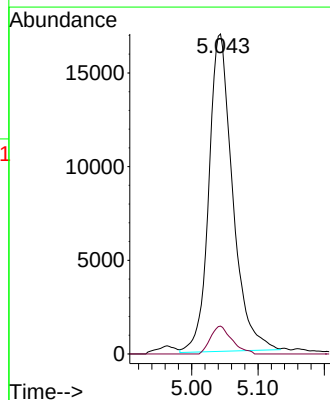
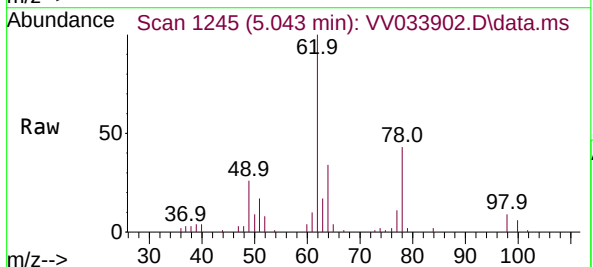
Acq: 29 Jan 2024 15:18

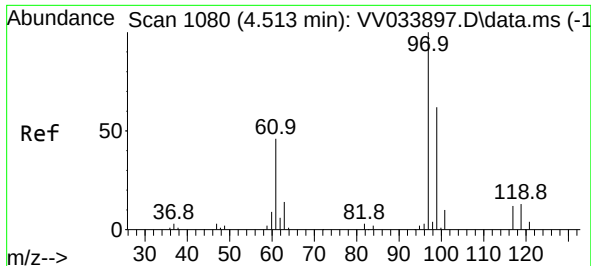
Tgt Ion: 62 Resp: 42289

Ion Ratio Lower Upper

62 100

98 8.7 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.683 ug/L

RT: 4.510 min Scan# 1100

Delta R.T. -0.003 min

Lab File: VV033902.D

Acq: 29 Jan 2024 15:18

Instrument :

MSVOA_V

ClientSampleId :

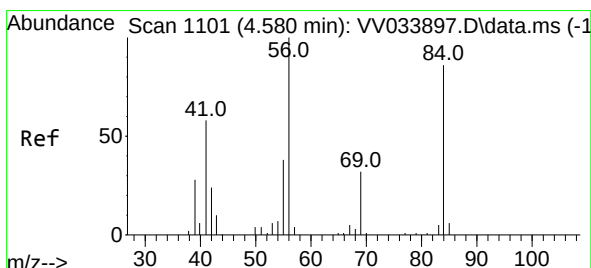
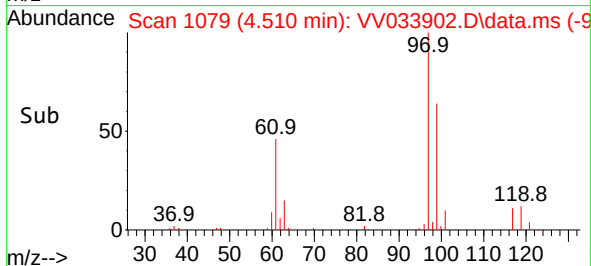
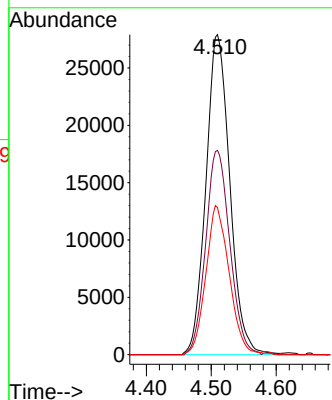
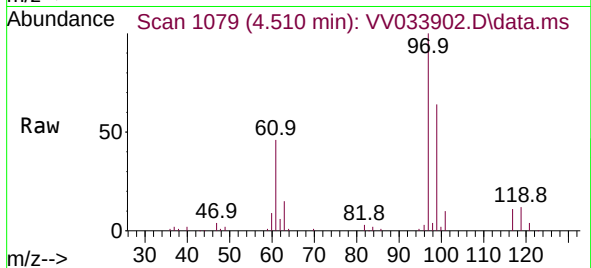
Tgt Ion: 97 Resp: 71520

Ion Ratio Lower Upper

97 100

99 64.5 50.6 75.8

61 45.3 36.8 55.2



#30

Cyclohexane

Concen: 5.627 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. -0.003 min

Lab File: VV033902.D

Acq: 29 Jan 2024 15:18

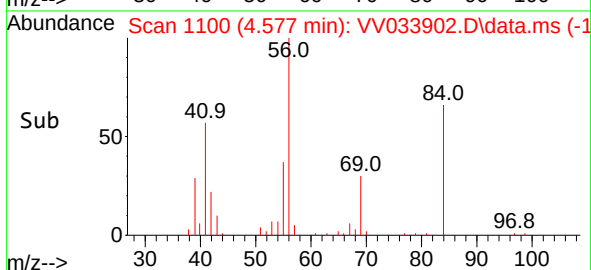
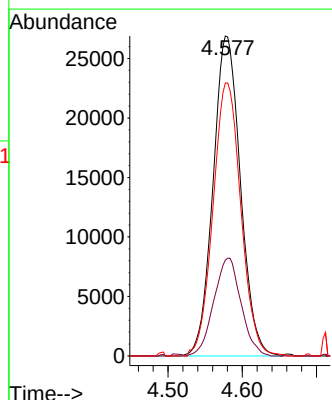
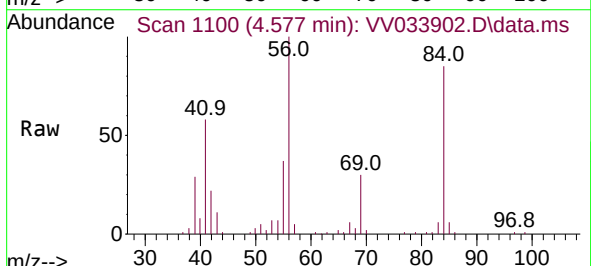
Tgt Ion: 56 Resp: 68861

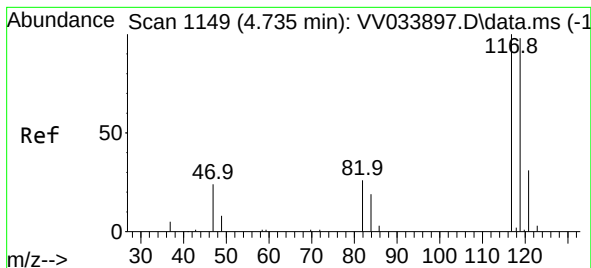
Ion Ratio Lower Upper

56 100

69 30.5 24.2 36.2

84 86.8 70.0 105.0





#31

Carbon tetrachloride

Concen: 5.608 ug/L

RT: 4.731 min Scan# 1149

Delta R.T. -0.003 min

Lab File: VV033902.D

Acq: 29 Jan 2024 15:18

Instrument :

MSVOA_V

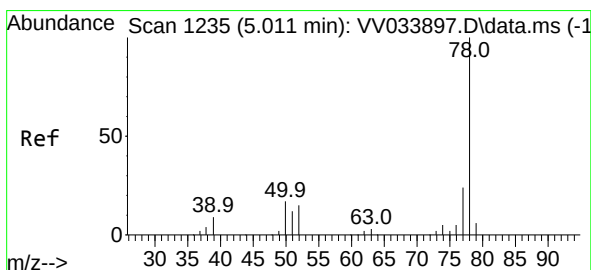
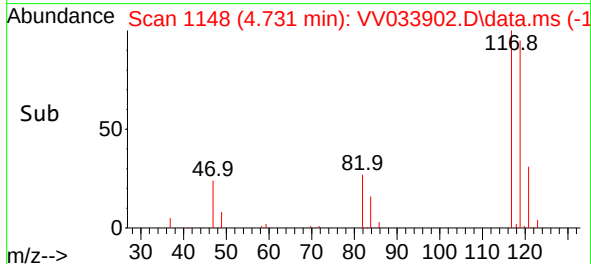
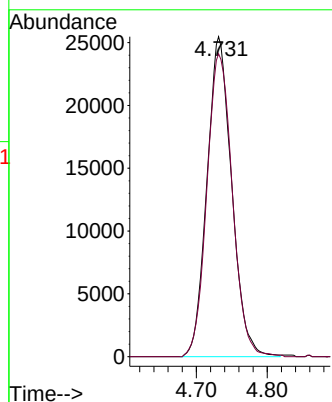
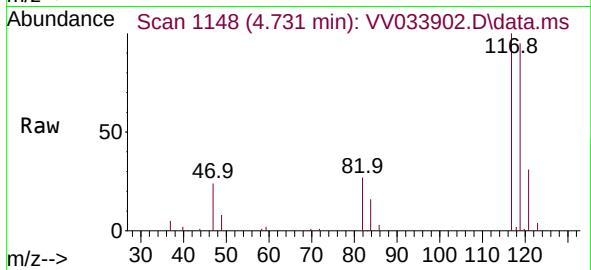
ClientSampleId :

Tgt Ion:117 Resp: 61747

Ion Ratio Lower Upper

117 100

119 97.6 76.1 114.1



#33

Benzene

Concen: 5.645 ug/L

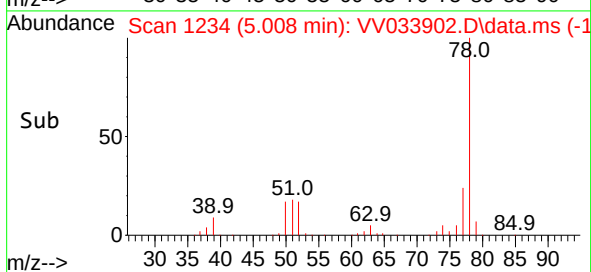
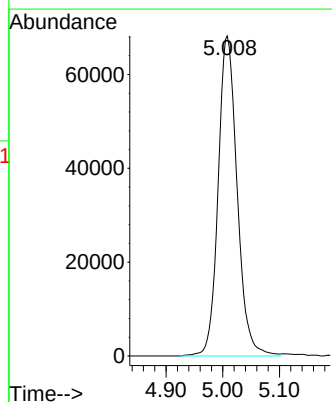
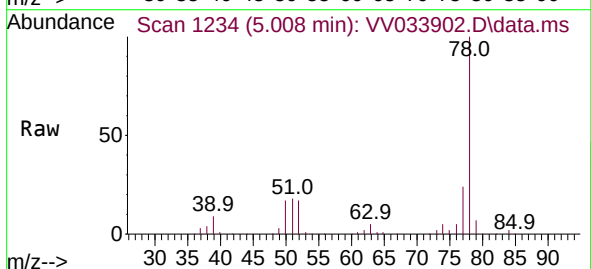
RT: 5.008 min Scan# 1234

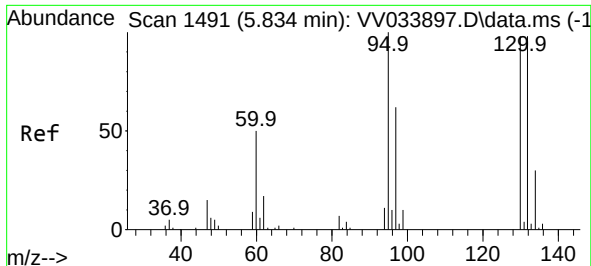
Delta R.T. -0.003 min

Lab File: VV033902.D

Acq: 29 Jan 2024 15:18

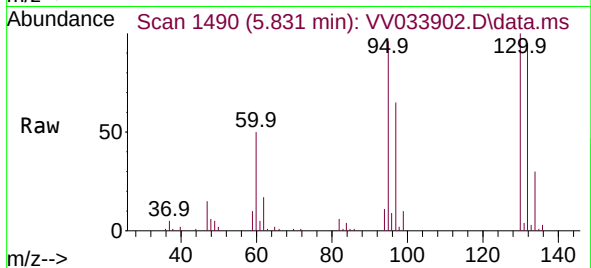
Tgt Ion: 78 Resp: 158693



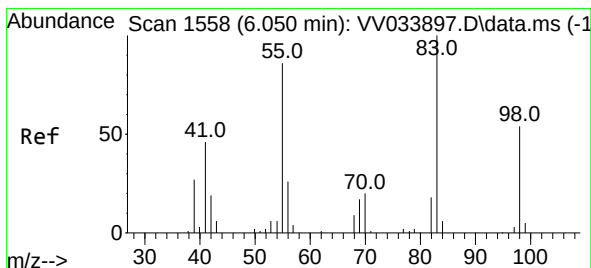
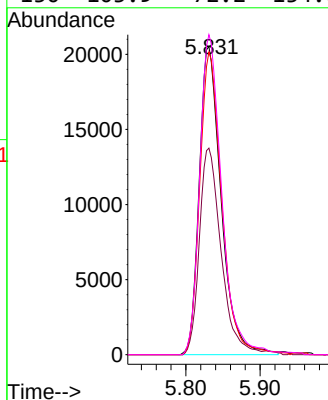
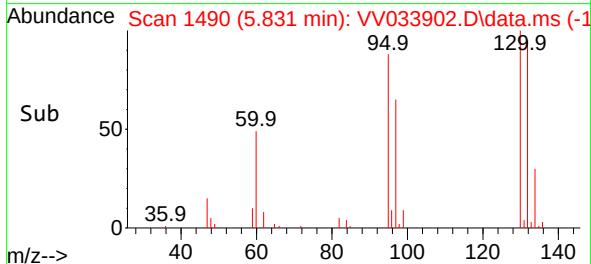


#34
Trichloroethene
Concen: 5.182 ug/L
RT: 5.831 min Scan# 1491
Delta R.T. -0.003 min
Lab File: VV033902.D
Acq: 29 Jan 2024 15:18

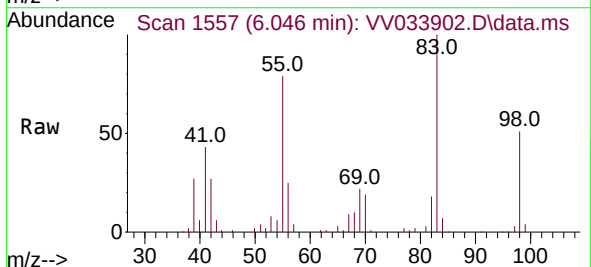
Instrument :
MSVOA_V
ClientSampleId :



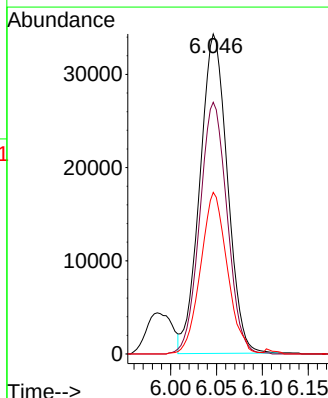
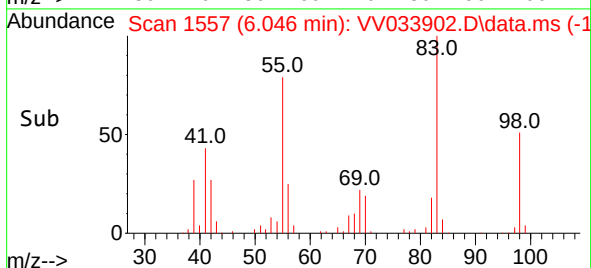
Tgt Ion: 95 Resp: 42160
Ion Ratio Lower Upper
95 100
97 67.0 45.1 83.7
132 98.2 66.0 122.6
130 103.9 72.2 134.0

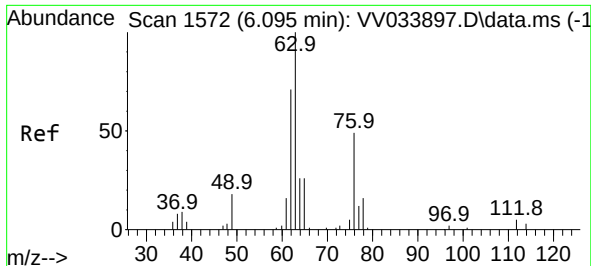


#35
Methylcyclohexane
Concen: 5.603 ug/L
RT: 6.046 min Scan# 1557
Delta R.T. -0.003 min
Lab File: VV033902.D
Acq: 29 Jan 2024 15:18



Tgt Ion: 83 Resp: 71556
Ion Ratio Lower Upper
83 100
55 78.3 63.5 95.3
98 49.1 39.0 58.4





#37

1,2-Dichloropropane

Concen: 5.681 ug/L

RT: 6.091 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV033902.D

Acq: 29 Jan 2024 15:18

Instrument :

MSVOA_V

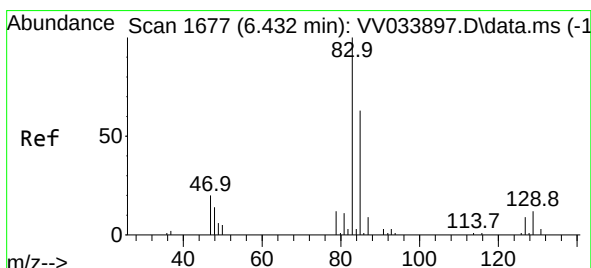
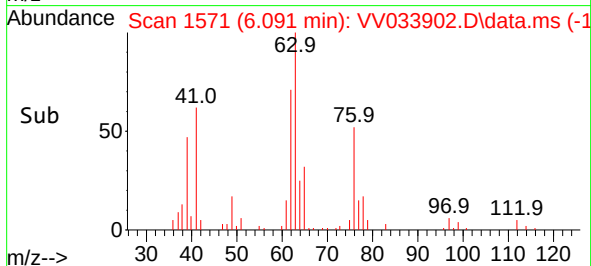
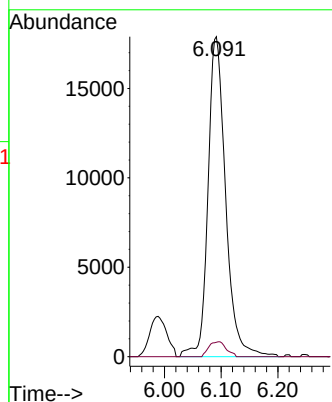
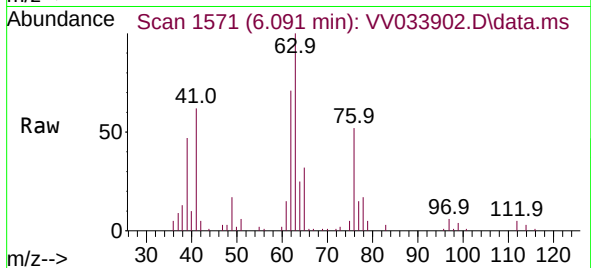
ClientSampleId :

Tgt Ion: 63 Resp: 38688

Ion Ratio Lower Upper

63 100

112 4.6 3.4 5.0



#38

Bromodichloromethane

Concen: 5.633 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. -0.003 min

Lab File: VV033902.D

Acq: 29 Jan 2024 15:18

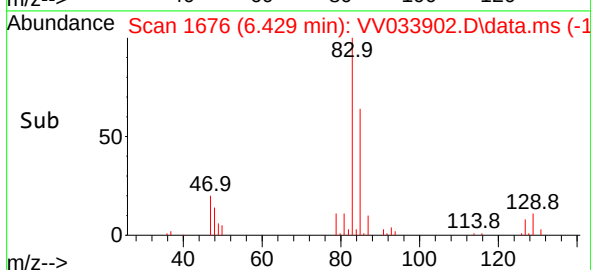
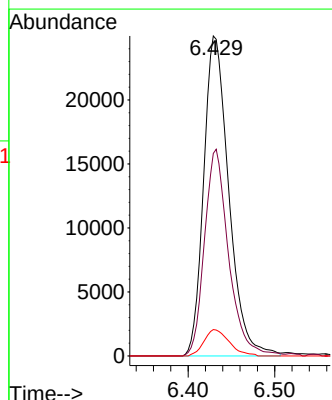
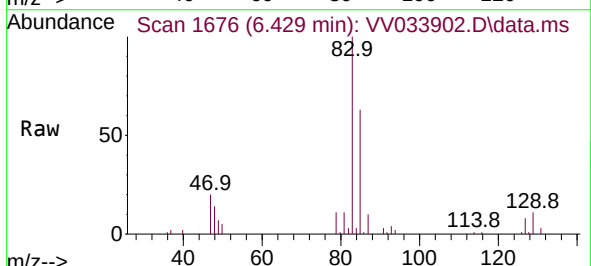
Tgt Ion: 83 Resp: 50357

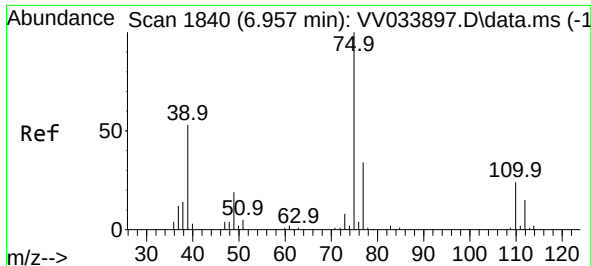
Ion Ratio Lower Upper

83 100

85 63.3 45.4 84.2

127 8.2 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 5.489 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. -0.003 min

Lab File: VV033902.D

Acq: 29 Jan 2024 15:18

Instrument :

MSVOA_V

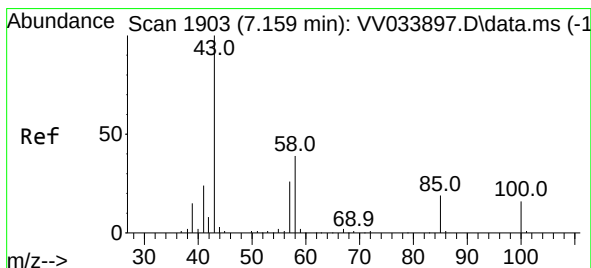
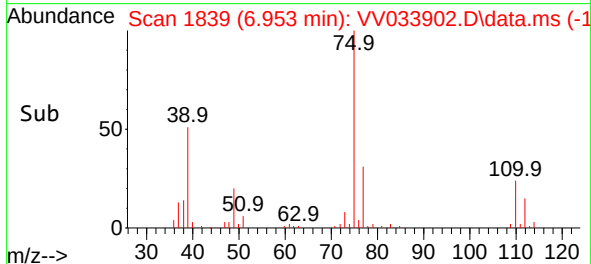
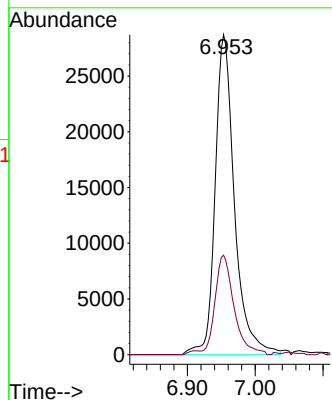
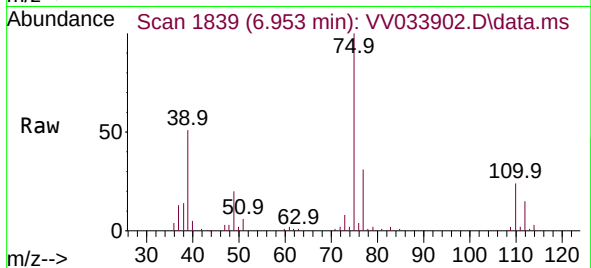
ClientSampleId :

Tgt Ion: 75 Resp: 56881

Ion Ratio Lower Upper

75 100

77 31.1 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 52.534 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV033902.D

Acq: 29 Jan 2024 15:18

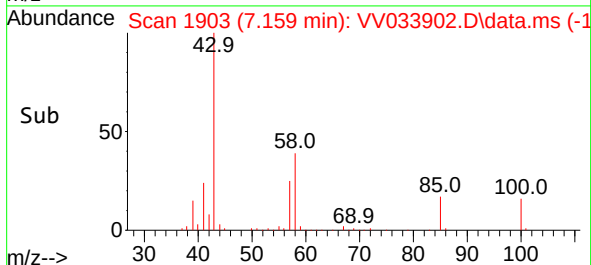
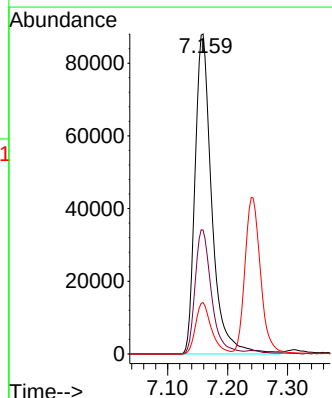
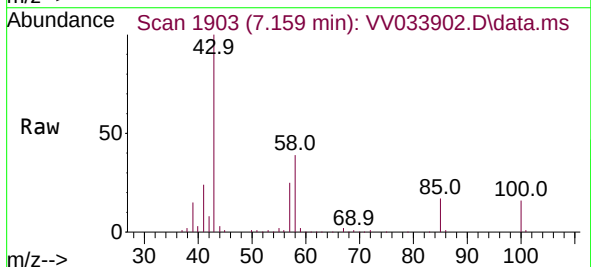
Tgt Ion: 43 Resp: 171314

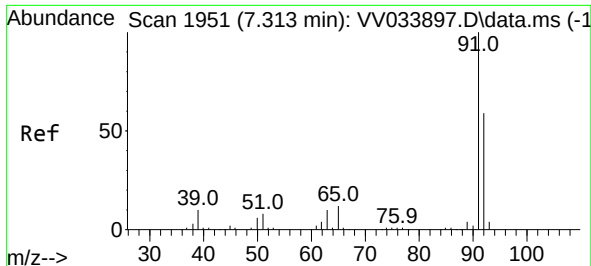
Ion Ratio Lower Upper

43 100

58 38.0 30.2 45.2

100 15.3 12.1 18.1





#42

Toluene

Concen: 5.584 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV033902.D

Acq: 29 Jan 2024 15:18

Instrument :

MSVOA_V

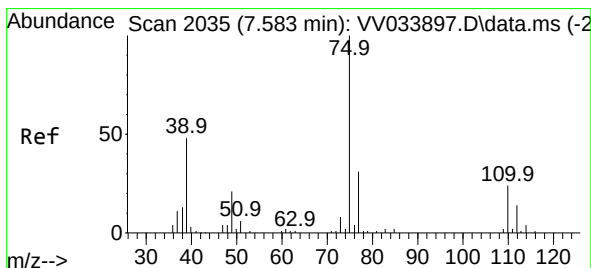
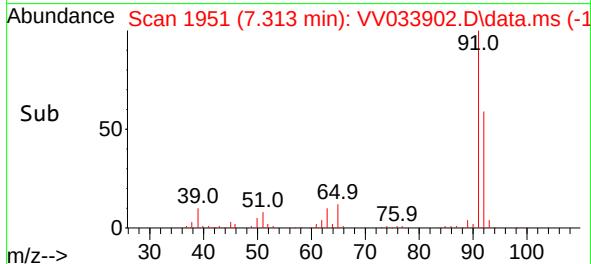
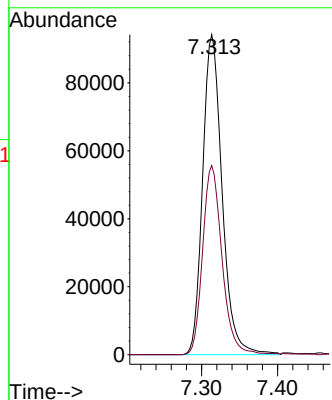
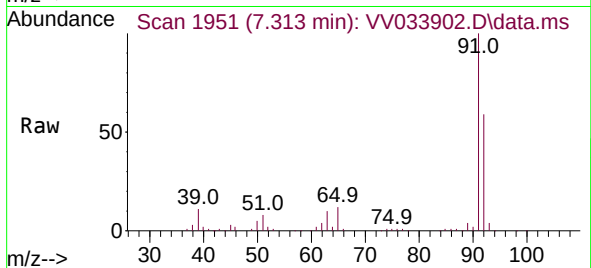
ClientSampleId :

Tgt Ion: 91 Resp: 167773

Ion Ratio Lower Upper

91 100

92 59.1 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 5.587 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.003 min

Lab File: VV033902.D

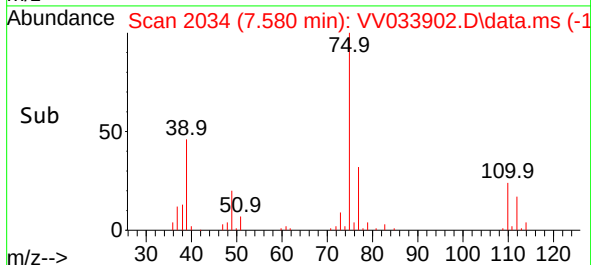
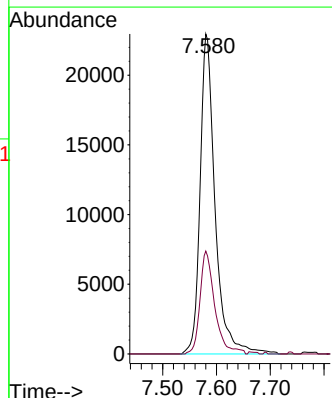
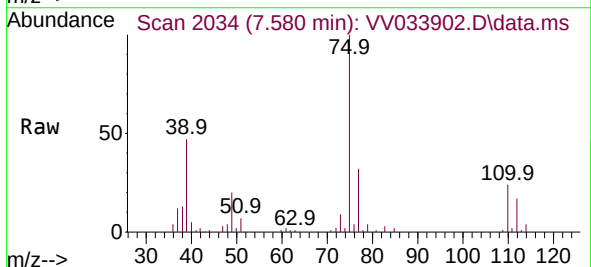
Acq: 29 Jan 2024 15:18

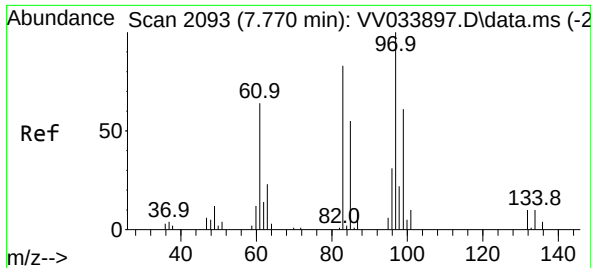
Tgt Ion: 75 Resp: 44453

Ion Ratio Lower Upper

75 100

77 32.1 22.2 41.2

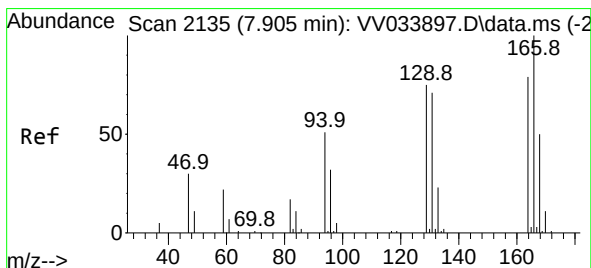
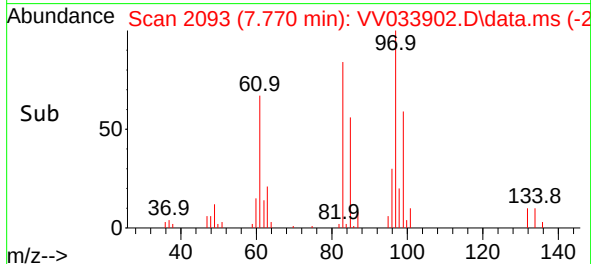
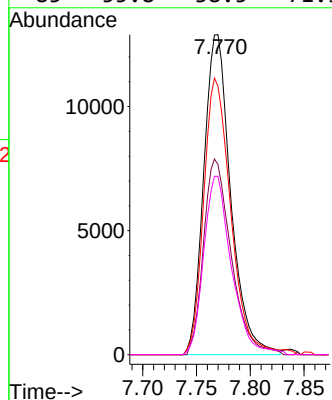
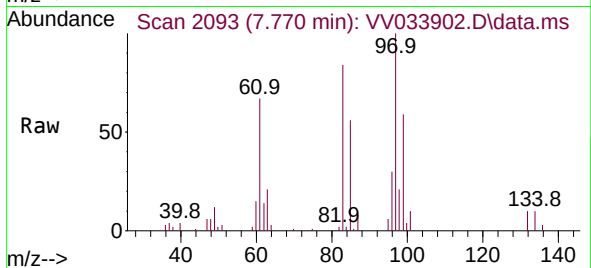




#45
1,1,2-Trichloroethane
Concen: 5.362 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.000 min
Lab File: VV033902.D
Acq: 29 Jan 2024 15:18

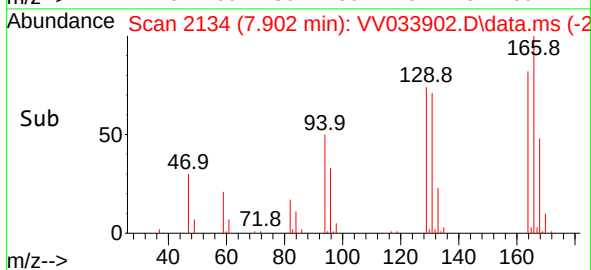
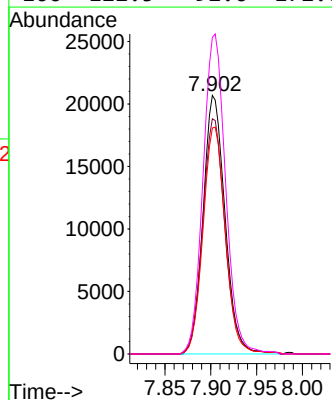
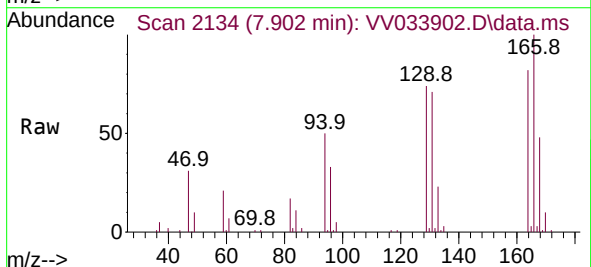
Instrument :
MSVOA_V
ClientSampleId :

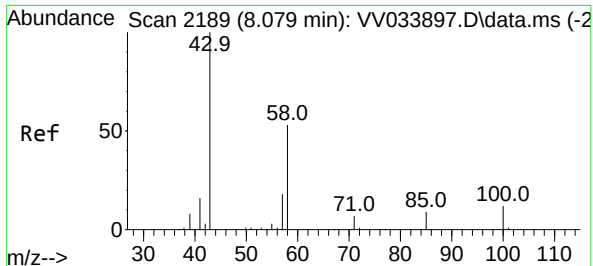
Tgt Ion:	97	Resp:	22546
Ion	Ratio	Lower	Upper
97	100		
99	59.4	45.6	84.6
83	83.9	62.3	115.7
85	55.8	38.5	71.5



#47
Tetrachloroethene
Concen: 5.216 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.003 min
Lab File: VV033902.D
Acq: 29 Jan 2024 15:18

Tgt Ion:	164	Resp:	34485
Ion	Ratio	Lower	Upper
164	100		
129	91.0	67.8	125.8
131	87.4	63.0	117.0
166	122.5	92.6	172.0



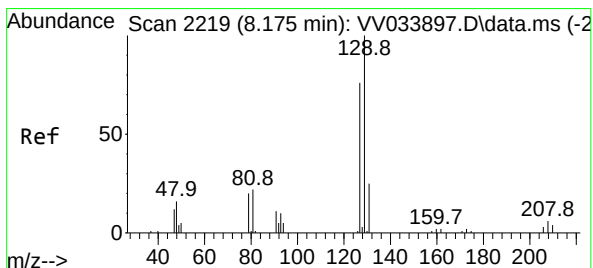
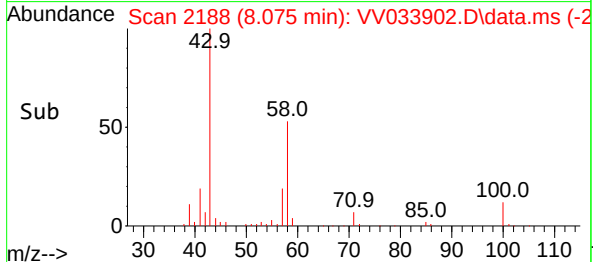
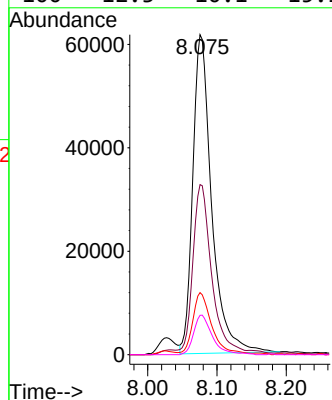
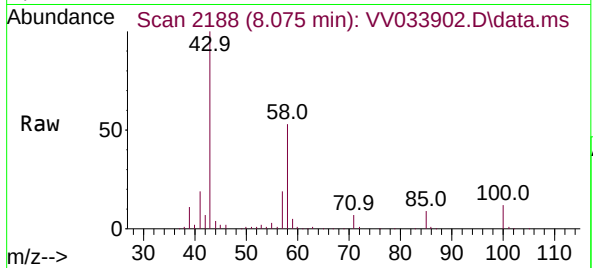


#48
2-Hexanone
Concen: 50.990 ug/L
RT: 8.075 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VV033902.D
Acq: 29 Jan 2024 15:18

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 117208

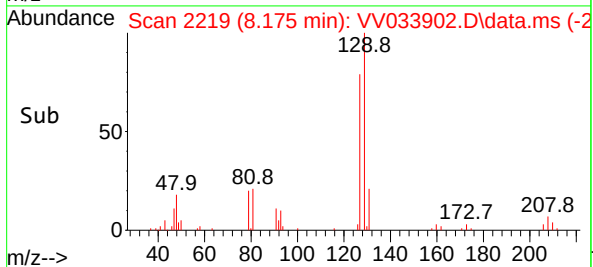
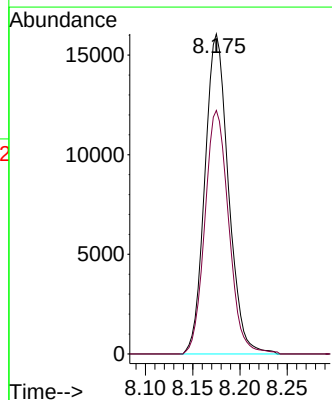
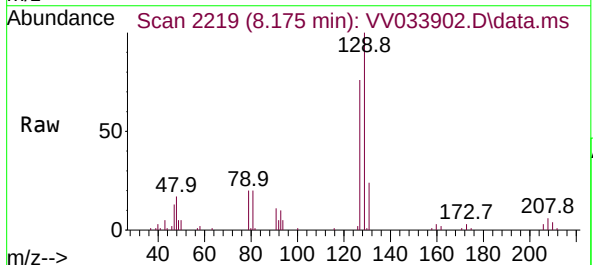
Ion	Ratio	Lower	Upper
43	100		
58	50.8	42.6	64.0
57	19.8	15.5	23.3
100	12.3	10.1	15.1

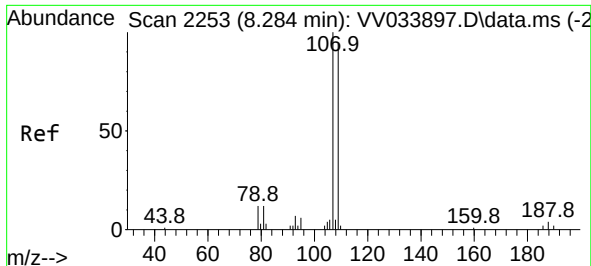


#49
Dibromochloromethane
Concen: 5.585 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV033902.D
Acq: 29 Jan 2024 15:18

Tgt Ion: 129 Resp: 27908

Ion	Ratio	Lower	Upper
129	100		
127	76.1	53.5	99.5





#50

1,2-Dibromoethane

Concen: 5.589 ug/L

RT: 8.281 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV033902.D

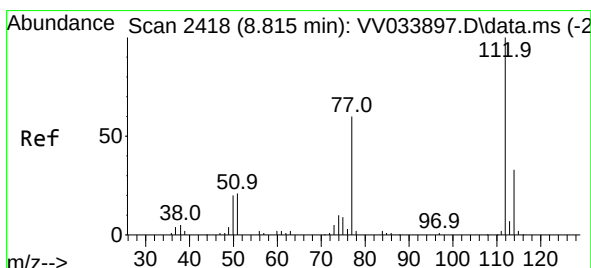
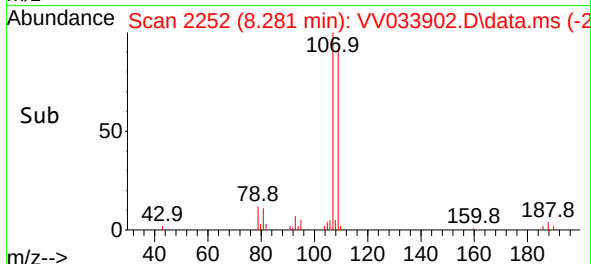
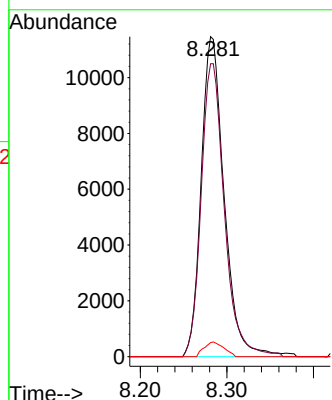
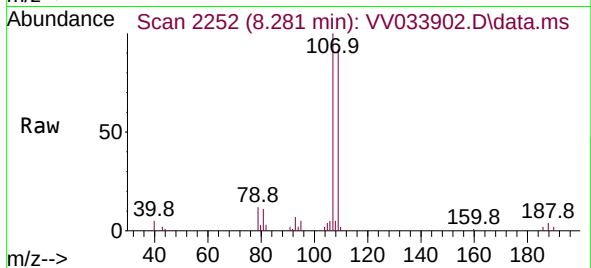
Acq: 29 Jan 2024 15:18

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	21094
Ion	Ratio	Lower	Upper
107	100		
109	91.5	64.5	119.9
188	4.4	2.6	4.0#



#51

Chlorobenzene

Concen: 5.562 ug/L

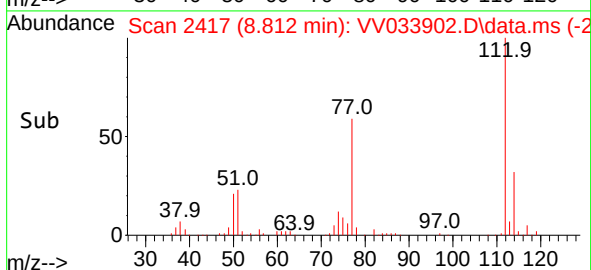
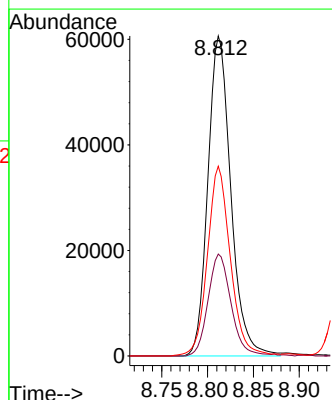
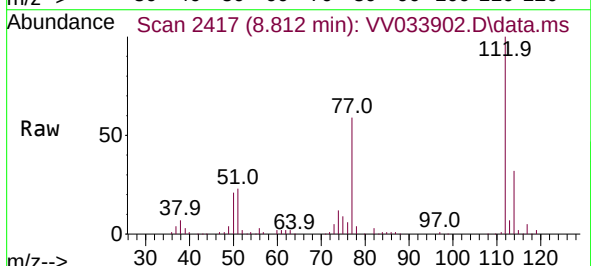
RT: 8.812 min Scan# 2417

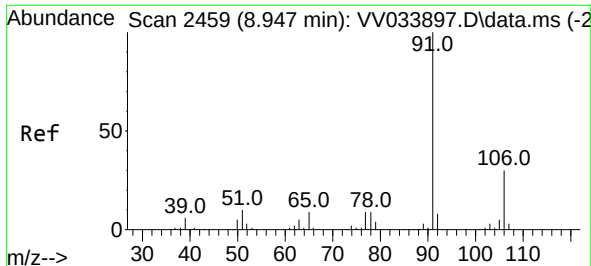
Delta R.T. -0.003 min

Lab File: VV033902.D

Acq: 29 Jan 2024 15:18

Tgt Ion:	112	Resp:	105672
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.5	41.7
77	59.3	48.1	72.1





#52

Ethylbenzene

Concen: 5.589 ug/L

RT: 8.943 min Scan# 2459

Delta R.T. -0.003 min

Lab File: VV033902.D

Acq: 29 Jan 2024 15:18

Instrument :

MSVOA_V

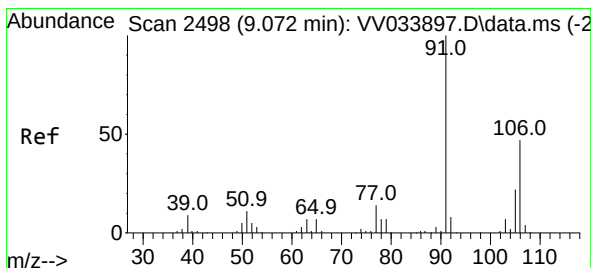
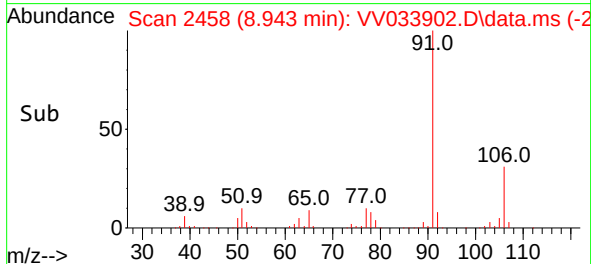
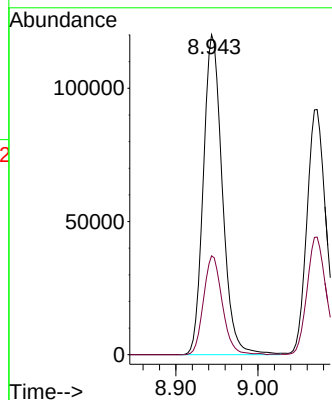
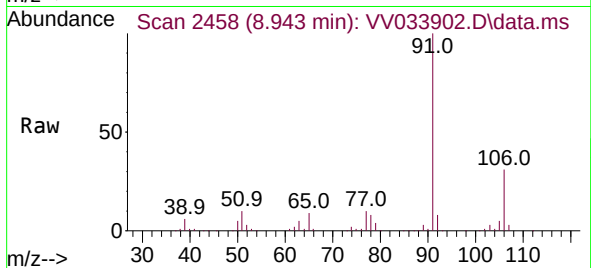
ClientSampleId :

Tgt Ion: 91 Resp: 193316

Ion Ratio Lower Upper

91 100

106 30.9 21.4 39.8



#53

m,p-Xylene

Concen: 5.568 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. -0.000 min

Lab File: VV033902.D

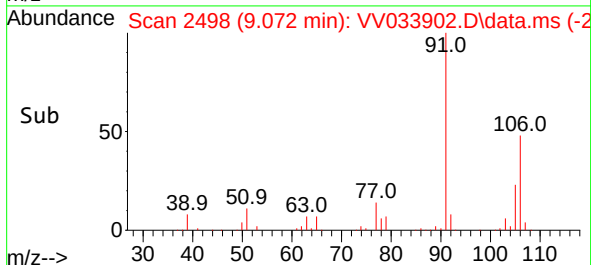
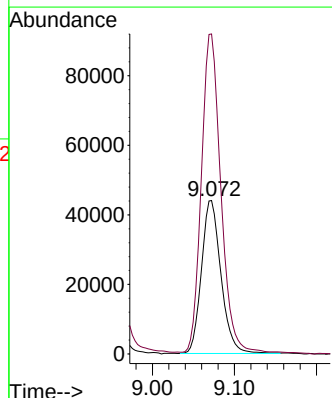
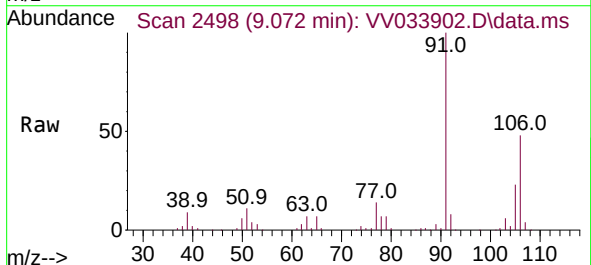
Acq: 29 Jan 2024 15:18

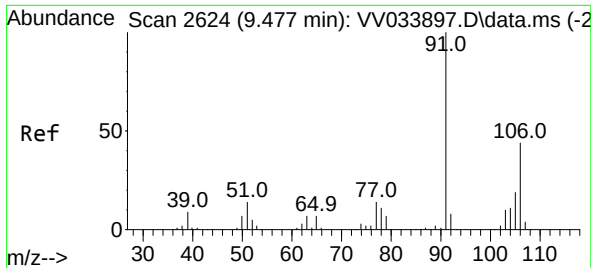
Tgt Ion:106 Resp: 72769

Ion Ratio Lower Upper

106 100

91 208.6 147.5 273.9

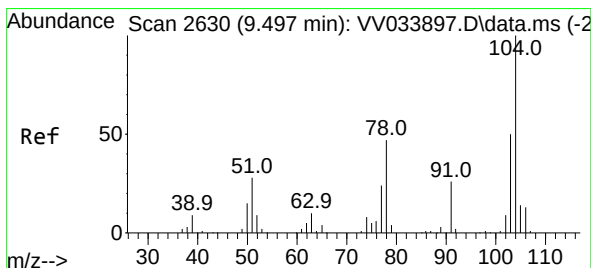
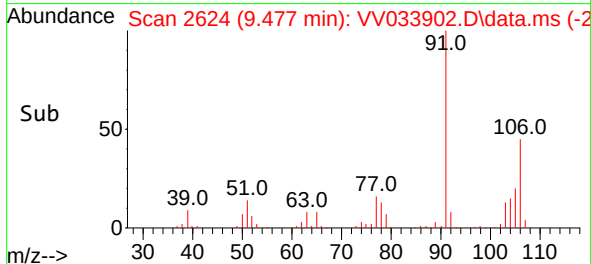
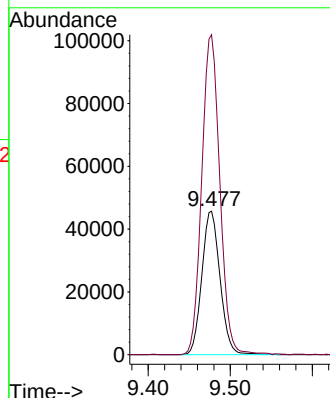
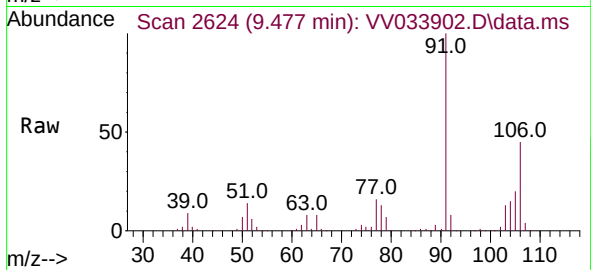




#54
o-Xylene
Concen: 5.585 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV033902.D
Acq: 29 Jan 2024 15:18

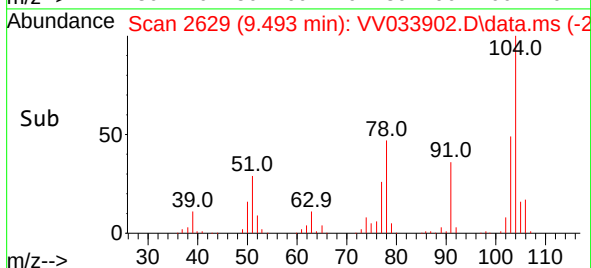
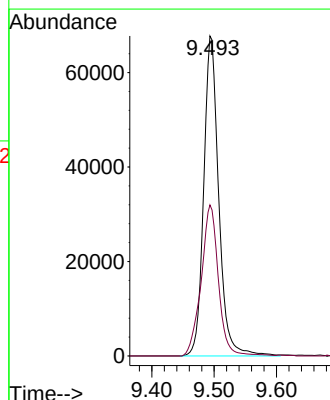
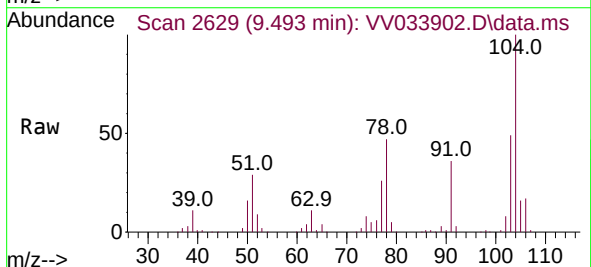
Instrument :
MSVOA_V
ClientSampleId :

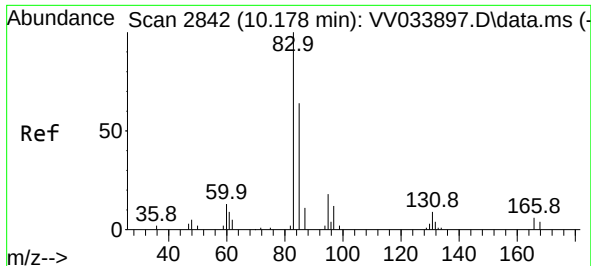
Tgt Ion:106 Resp: 70381
Ion Ratio Lower Upper
106 100
91 222.9 156.2 290.0



#55
Styrene
Concen: 5.643 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.003 min
Lab File: VV033902.D
Acq: 29 Jan 2024 15:18

Tgt Ion:104 Resp: 113875
Ion Ratio Lower Upper
104 100
78 47.2 32.9 61.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.301 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. -0.000 min

Lab File: VV033902.D

Acq: 29 Jan 2024 15:18

Instrument :

MSVOA_V

ClientSampleId :

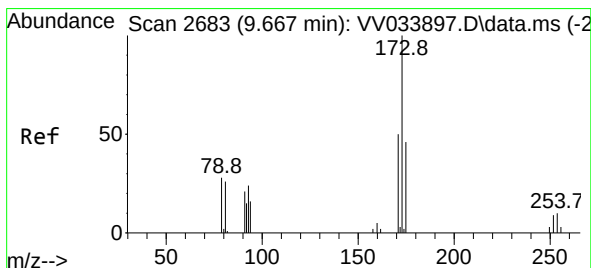
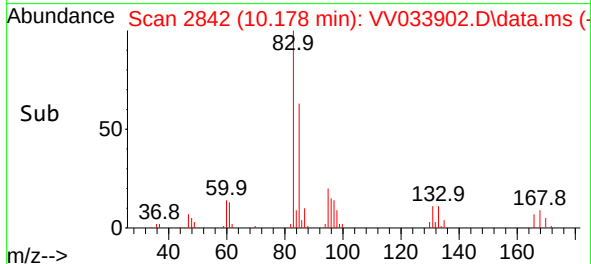
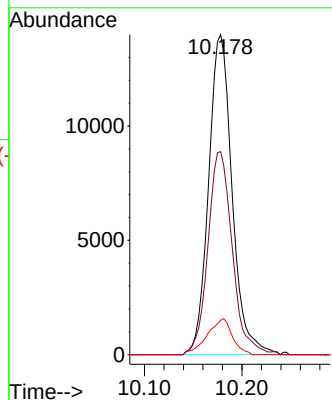
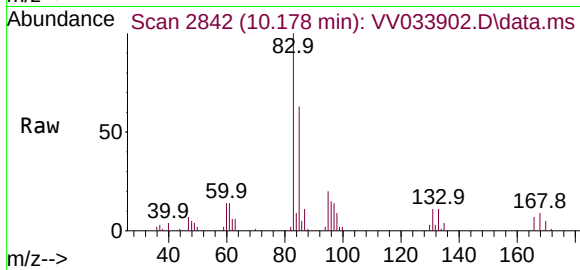
Tgt Ion: 83 Resp: 23525

Ion Ratio Lower Upper

83 100

85 63.4 46.5 86.3

131 10.7 8.4 12.6



#59

Bromoform

Concen: 5.780 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. -0.000 min

Lab File: VV033902.D

Acq: 29 Jan 2024 15:18

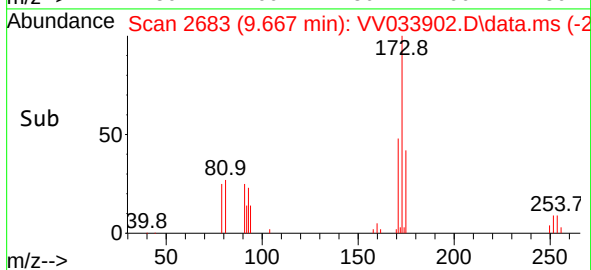
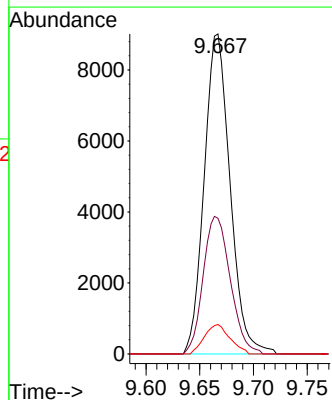
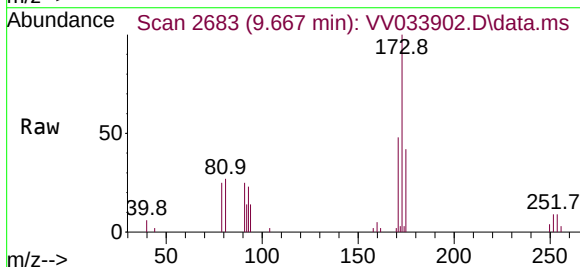
Tgt Ion: 173 Resp: 15110

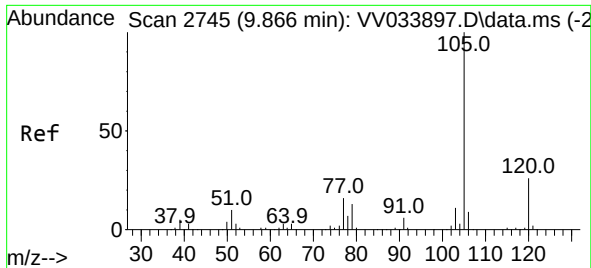
Ion Ratio Lower Upper

173 100

175 45.0 38.6 57.8

254 9.1 7.2 10.8

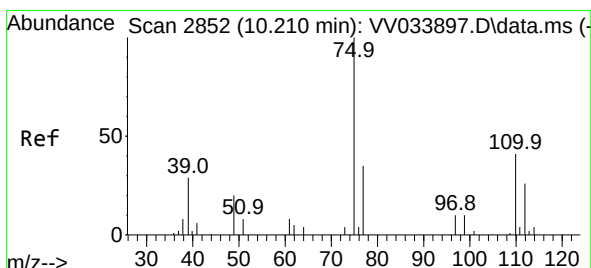
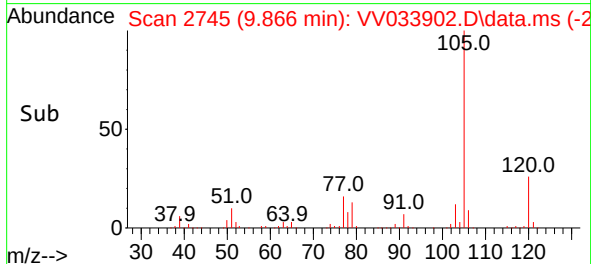
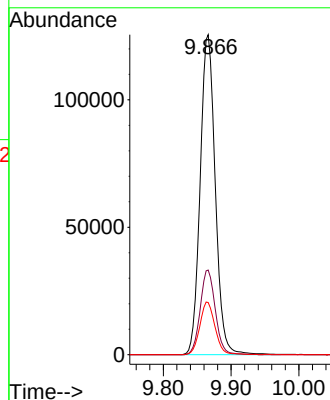
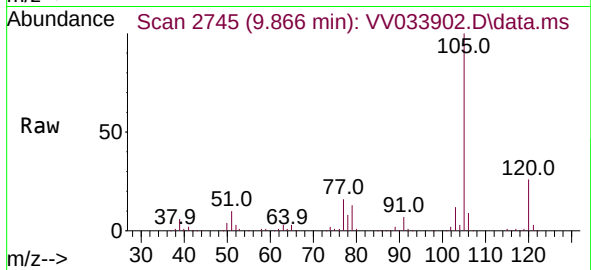




#60
Isopropylbenzene
Concen: 5.530 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033902.D
Acq: 29 Jan 2024 15:18

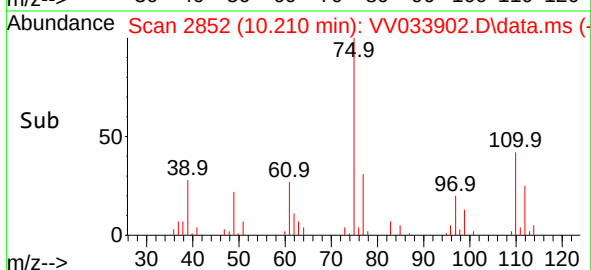
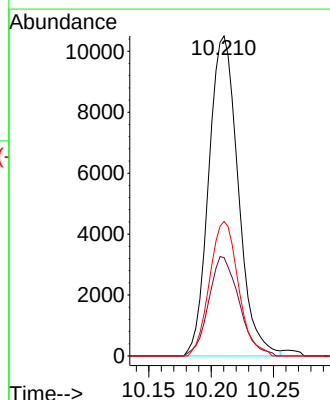
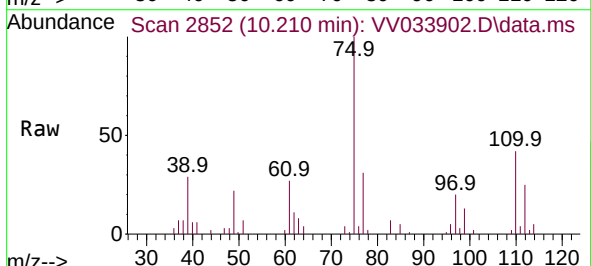
Instrument :
MSVOA_V
ClientSampleId :

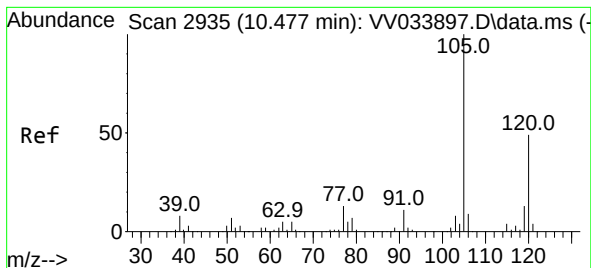
Tgt Ion:105 Resp: 194174
Ion Ratio Lower Upper
105 100
120 26.5 20.7 31.1
77 16.6 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.285 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV033902.D
Acq: 29 Jan 2024 15:18

Tgt Ion: 75 Resp: 17241
Ion Ratio Lower Upper
75 100
77 32.1 26.9 40.3
110 41.1 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 5.528 ug/L

RT: 10.474 min Scan# 2935

Delta R.T. -0.003 min

Lab File: VV033902.D

Acq: 29 Jan 2024 15:18

Instrument :

MSVOA_V

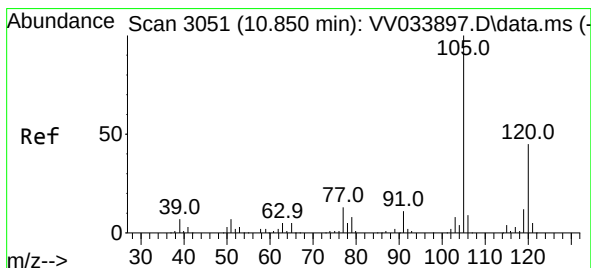
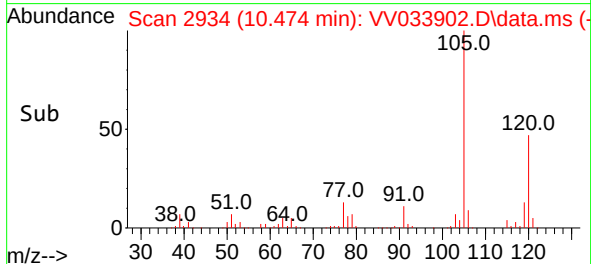
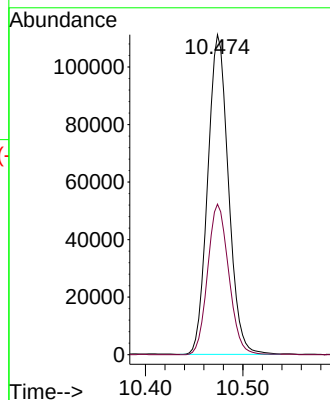
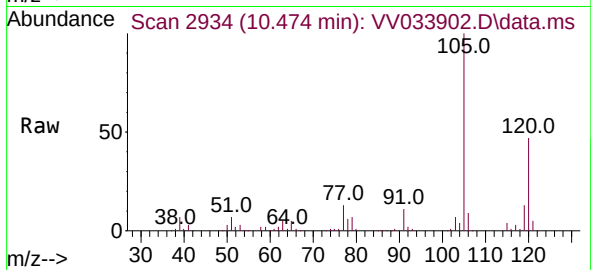
ClientSampleId :

Tgt Ion:105 Resp: 164115

Ion Ratio Lower Upper

105 100

120 48.1 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 5.659 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV033902.D

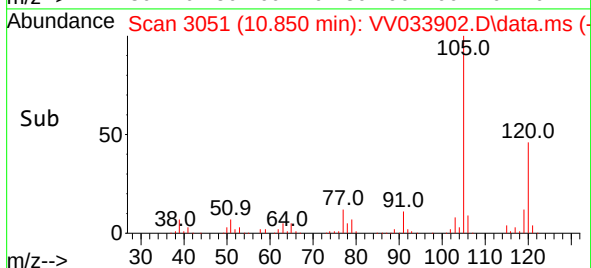
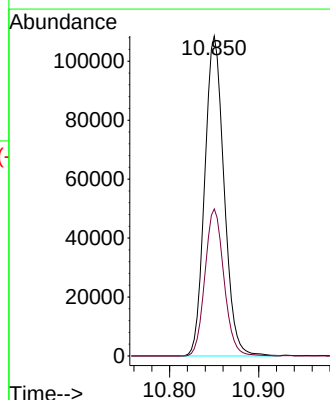
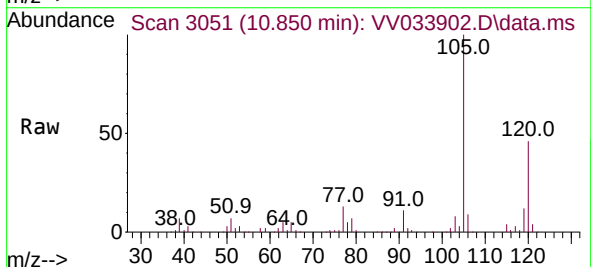
Acq: 29 Jan 2024 15:18

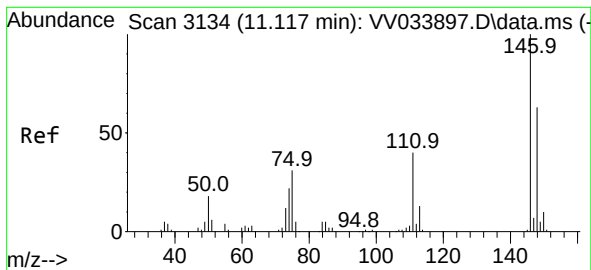
Tgt Ion:105 Resp: 163239

Ion Ratio Lower Upper

105 100

120 45.2 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 5.490 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. -0.000 min

Lab File: VV033902.D

Acq: 29 Jan 2024 15:18

Instrument :

MSVOA_V

ClientSampleId :

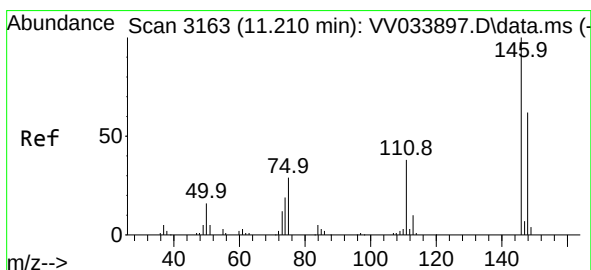
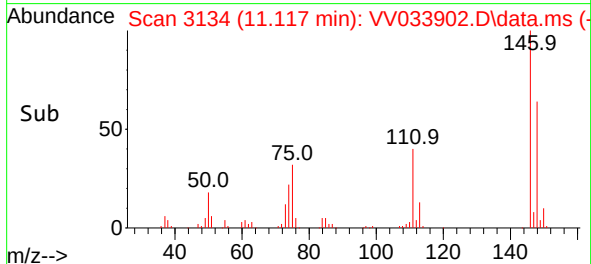
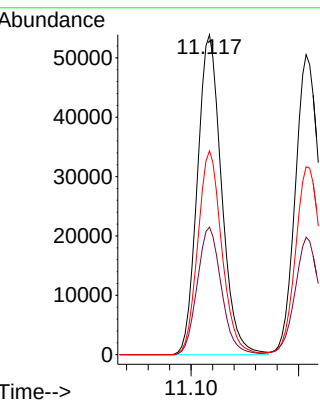
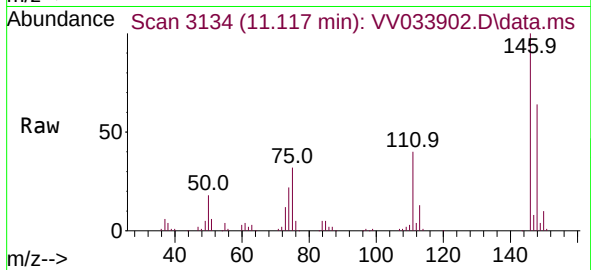
Tgt Ion:146 Resp: 84059

Ion Ratio Lower Upper

146 100

111 39.8 28.5 52.9

148 63.7 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 5.446 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.003 min

Lab File: VV033902.D

Acq: 29 Jan 2024 15:18

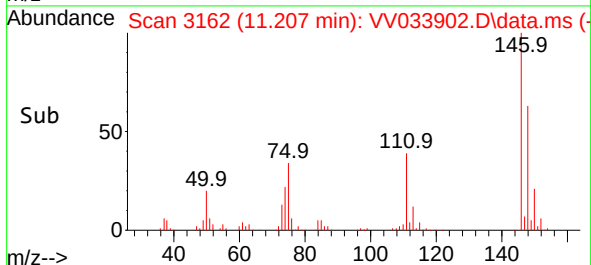
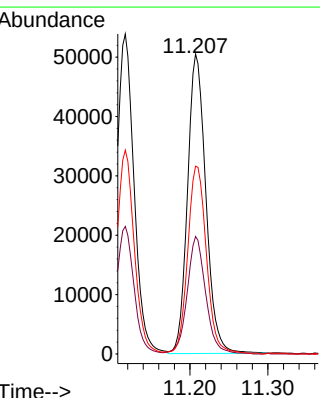
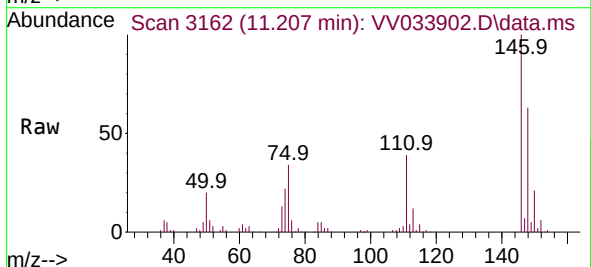
Tgt Ion:146 Resp: 82564

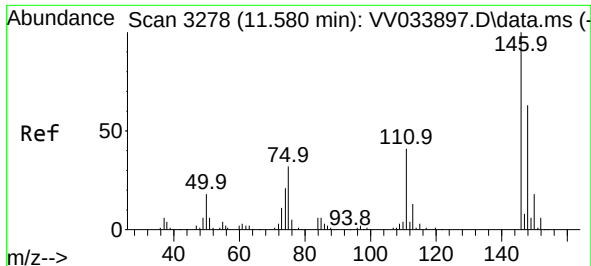
Ion Ratio Lower Upper

146 100

111 39.2 27.6 51.4

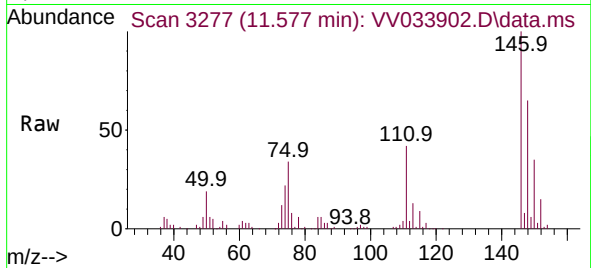
148 62.6 44.8 83.2



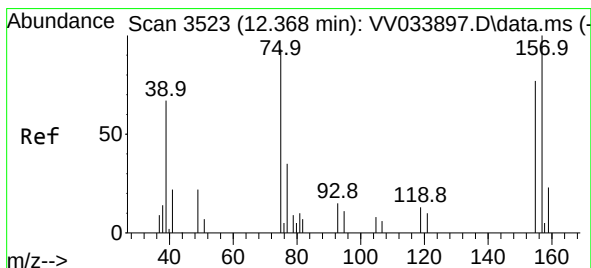
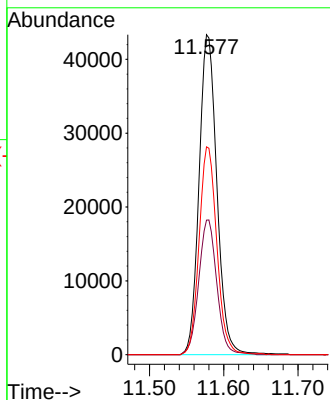
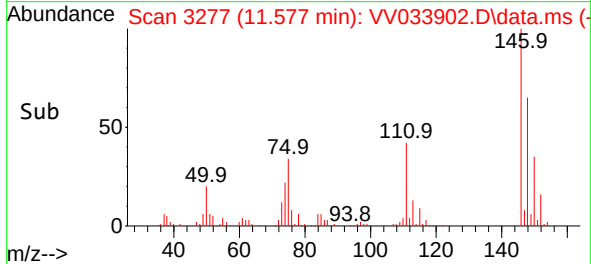


#67
1,2-Dichlorobenzene
Concen: 5.503 ug/L
RT: 11.577 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV033902.D
Acq: 29 Jan 2024 15:18

Instrument :
MSVOA_V
ClientSampleId :

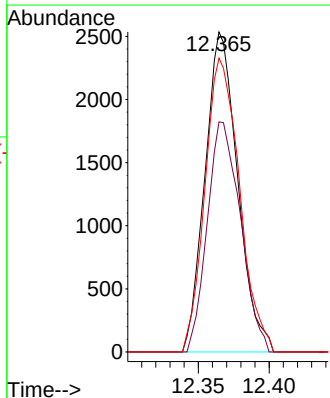
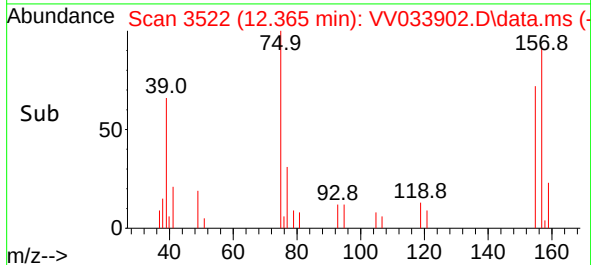
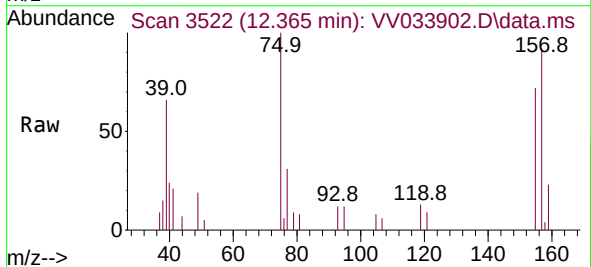


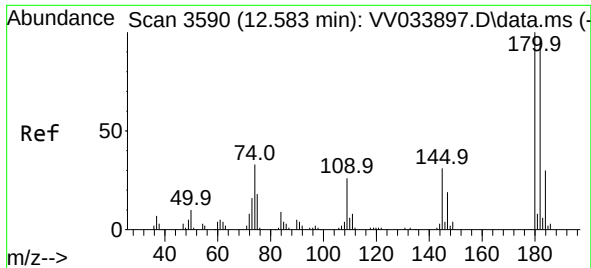
Tgt Ion:146 Resp: 72359
Ion Ratio Lower Upper
146 100
111 42.1 31.2 46.8
148 65.0 49.8 74.8



#68
1,2-Dibromo-3-chloropropane
Concen: 5.935 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. -0.003 min
Lab File: VV033902.D
Acq: 29 Jan 2024 15:18

Tgt Ion: 75 Resp: 4058
Ion Ratio Lower Upper
75 100
155 71.9 68.9 103.3
157 91.8 84.6 127.0





#69

1,3,5-Trichlorobenzene

Concen: 5.479 ug/L

RT: 12.583 min Scan# 31

Delta R.T. -0.000 min

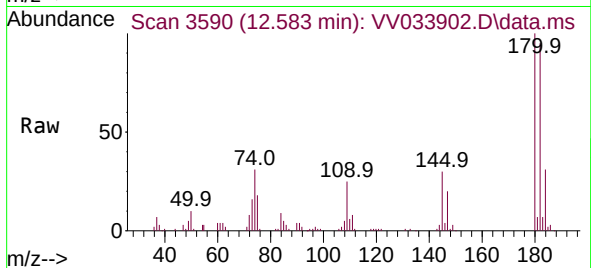
Lab File: VV033902.D

Acq: 29 Jan 2024 15:18

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 64923

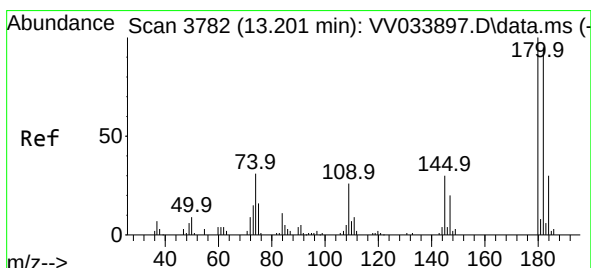
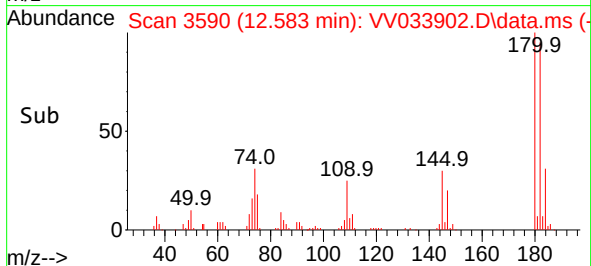
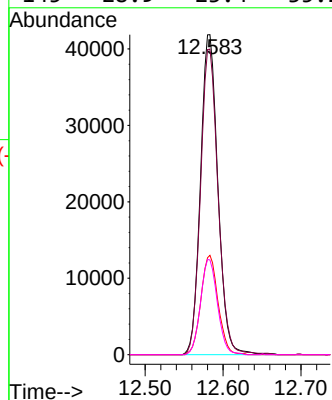
Ion Ratio Lower Upper

180 100

182 96.0 77.0 115.4

184 30.7 23.8 35.6

145 28.9 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 5.148 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.003 min

Lab File: VV033902.D

Acq: 29 Jan 2024 15:18

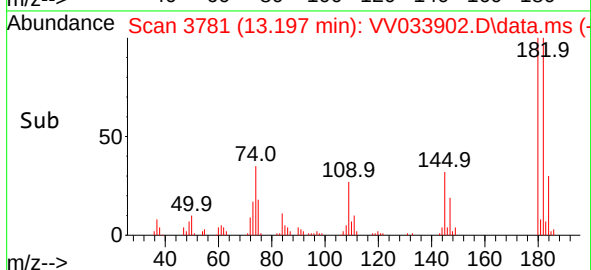
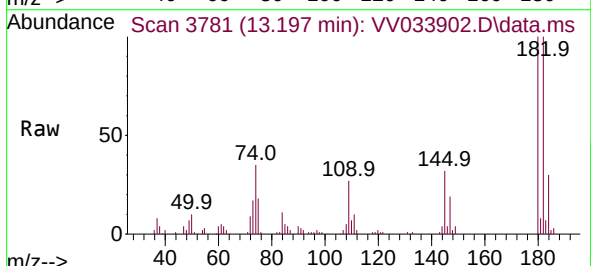
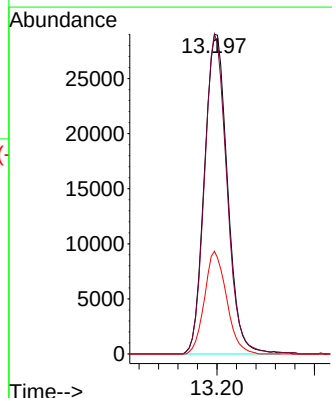
Tgt Ion:180 Resp: 47619

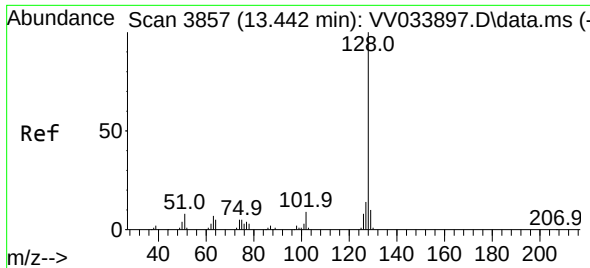
Ion Ratio Lower Upper

180 100

182 97.3 76.8 115.2

145 30.8 24.8 37.2

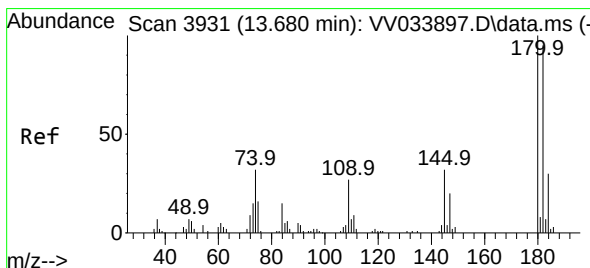
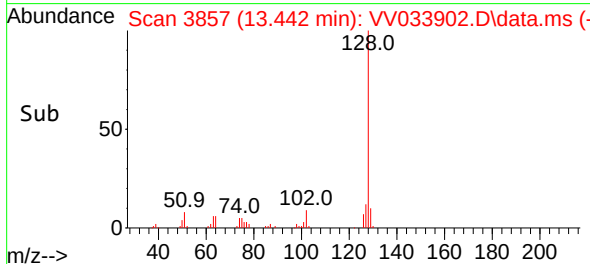
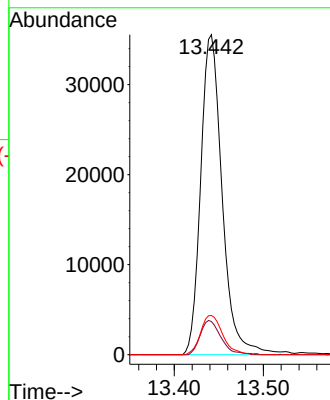
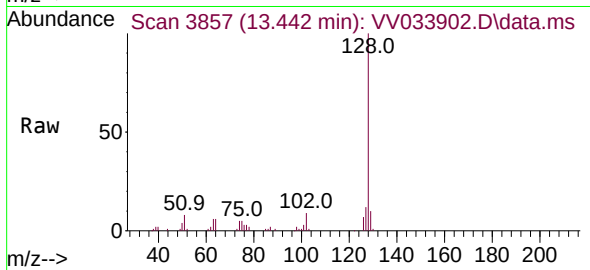




#71
Naphthalene
Concen: 4.901 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. -0.000 min
Lab File: VV033902.D
Acq: 29 Jan 2024 15:18

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128	Resp:	59404
Ion Ratio	Lower	Upper
128	100	
129	10.3	8.5 12.7
127	12.6	10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.169 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. -0.000 min
Lab File: VV033902.D
Acq: 29 Jan 2024 15:18

Tgt Ion:180	Resp:	38310
Ion Ratio	Lower	Upper
180	100	
182	95.1	75.0 112.6
145	32.3	25.2 37.8

